DOCUMENT RESUME

ED 423 747 HE 031 541

TITLE	Facilities Inventory and Utilization Study, Fall of 1997, for the State of North Carolina. Higher Education Comprehensive Planning Program. Thirty-First Edition.
INSTITUTION	North Carolina Univ., Chapel Hill. General Administration.
PUB DATE	1998-09-00
NOTE	208p.; For previous edition, see ED 412 819.
AVAILABLE FROM	State Commission on Higher Education Facilities, The University of North Carolina General Administration, 910 Raleigh Road, P.O. Box 2688, Chapel Hill, NC 27515-2688; phone: 919-962-1000.
PUB TYPE	Numerical/Quantitative Data (110)
EDRS PRICE	MF01/PC09 Plus Postage.
DESCRIPTORS	*Accessibility (for Disabled); *College Buildings; Community Colleges; *Educational Facilities; *Facility Inventory; Facility Planning; *Higher Education; Physical Disabilities; Private Colleges; Public Colleges; *Space Utilization; State Surveys; State Universities; Tables (Data); Use Studies
IDENTIFIERS	*North Carolina; University of North Carolina

ABSTRACT

This document reports the results of the 31st annual utilization study and inventory of space in North Carolina institutions of higher education as of the fall 1997 semester. Text and 26 tables present data on all branches of the University of North Carolina, all branches of the North Carolina community college system, three private research universities, 34 private general baccalaureate colleges, and one private junior college. The study is organized in four sections: (1) utilization of instructional space, which includes ratios, percentages, and indices that relate the amount of instructional activity to various categories of campus space; (2) interior space characteristics, which describes campus space by the uses and programs to which it is assigned; (3) building characteristics, which cover elements such as building age, condition, and replacement cost; and (4) accessibility of facilities to mobility impaired individuals, both for program accessibility and facility use. An institutional index is appended. (Contains 10 references.) (DB)

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STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1997

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Engineering Graduate Research Center, N.C. State University

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The *Facilities Inventory and Utilization Study* is published annually by

State Commission on Higher Education Facilities
The University of North Carolina–General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

Six hundred copies of this public document were printed at a cost of $7,025.63, or $11.71 per copy.

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1997

For
THE STATE OF NORTH CAROLINA

THIRTY-FIRST EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1998

Engineering Graduate Research Center

North Carolina State University

(Cover Photo)

The Engineering Graduate Research Center (EGRC) is the newest component of the Centennial Campus at N.C. State University, a thousand-acre, 30-year project begun in 1988. Ground-breaking on the new facility began in 1994, and occupants began moving in during the 1996-97 academic year.

Structurally the EGRC is a complex of two buildings: the main laboratory building and the Constructed Facilities Laboratory (CFL), with plans for a third facet, a corporate partners building. The current complex, valued at more than $50 million, provides 130,000 gross square feet of space in an education and research facility that creates partnerships linking academic research and development with collaborators from industry and government.

Among the many components that are already, or will be, housed in the EGRC main laboratory building are the Center for Advanced Electronic Materials Processing, Analytical Instrumentation Facility, Biomedical Microsensors Laboratory, Center for Advanced Computing and Communication, Multimedia Laboratory, Power Semiconductor Research Center, and the Microelectronics Systems Laboratory. The main building also provides modern clean rooms, conference rooms, and distance education and teleconferencing facilities, including an 89-seat auditorium with two-way video capability, a video classroom/conference room seating 60, and an accompanying microclassroom.

The Constructed Facilities Laboratory is a unique, separate structure with specially designed reaction floors and walls to support three-dimensional loading. The CFL provides facilities to develop and test innovations to improve the state's and nation's constructed infrastructure, such as highways, bridges, and buildings. This structure includes research laboratories for structural testing, construction materials testing, cement and concrete, microscopy, geotechnical systems and properties, and construction engineering, as well as fabrication and instrumentation shops.

In the spirit of the Centennial Campus, the EGRC enables professors and graduate students to work side-by-side with researchers from industry. Some of these are located within the EGRC, such as Materials Analytical Services, Inc.; the Sicel Medical Group; and the North Carolina Environmental Technologies Consortium.

From the original concept on the drawing boards in the early 1980's to the grand opening celebration in October 1997, the long-awaited and much-needed EGRC represents the latest step in the long-range goal of the College of Engineering to completely relocate its facilities over the next few decades to the unique environment of the Centennial Campus–an advanced technology community for university, industry, and government partners.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the thirty-first in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1997 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1997 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgment and appreciation are expressed to the following individuals for their cooperation and contributions: Phil Albano of the Community College System, Karen Copeland of the University of North Carolina at Chapel Hill, Sheri Green of the Wake County Public Schools, Emily Herman of the University of North Carolina at Greensboro, Richard Leichman of Davidson College, Paul Nagy of Durham Technical Community College, and Marjorie White of N. C. A&T State University. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years. As a final note, Mr. Henry Holmes, the former Director of the State Commission on Higher Education Facilities, retired in early 1998. Mr. Holmes was a key factor in development of this thirty-first edition of the study. Mr. Holmes will be missed and we wish him the very best in future endeavors.

Kevin J. MacNaughton
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 112 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 38 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (34), and one junior college. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of

North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission staff with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a personal computer file, electronic mail, or FTP (file transfer protocol) transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on diskette, or by E-mail or FTP. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master mainframe files. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), the N.C. Community College System office (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts instructs secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at the campus were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for this institution, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the N.C. School of the Arts. It should also be noted that the programs conducted at the N.C. School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. State University and N.C. A&T State University similarly show an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to these institutions' extensive instruction and research programs in Agriculture and Engineering, which require significantly more academic space per FTE student than is typical of other general academic programs.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community Colleges of the North Carolina Community College system.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

Classifications in this publication reflect East Carolina University's former status, as of the fall 1997 data collection, as a Master's (Comprehensive) I University. Effective May 1, 1998, the UNC Board of Governors approved the designation of East Carolina University as a Doctoral II University. This new designation will be reflected in the institutional groupings for next year's (fall 1998 data) publication.

Changes for this year's study include updates in Carnegie Classification groupings for North Carolina's public universities; and replacement of the former Table 11, which consisted of space criteria from previous national studies, with the recently developed space standards in selected classifications of space for the sixteen institutions of the University of North Carolina. In addition, St. Mary's College, because of that institution's move to an entirely secondary level curriculum in the fall of 1997, is no longer included in the study.

Student Education Building, Wake Technical Community College

Wake Tech began offering its Hotel and Restaurant Management program in 1985 and added the Culinary Technology program in 1986. Since that time, although lecture classes in these curricula were held at the institution's main campus, the only "laboratory" facility available was the very inadequate cafeteria kitchen at the former Lampton Elementary School.

The college's new 37,000 sq. ft. Student Education Building, financed through state and county bonds, now provides modern facilities which have facilitated increased enrollments in these programs. Highlights of this instructional space include commercially equipped kitchens and food storage areas, a model lecture classroom, a banquet/conference room, five student hotel rooms, a large cafeteria and auditorium, and 15 modern classrooms.

Utilization of Instructional Space

Capacity Enrollment Ratio	.9
Sq. Ft. of Academic Facilities Per FTE Student	1
Room Hours of Instruction in Classrooms	31
Room Hours of Instruction in Class Laboratories	30
Use of Student Stations in Classrooms	46
Use of Student Stations in Class Laboratories	1
Percent Student Station Utilization	18
Student Clock Hours of Instruction	
Space Factors	
Range of Space Utilization Index	
Space Standards	
FTE Enrollment	

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TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Open Laboratory
225 Open Lab Service

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic or Physical Ed.
525 Athletic or Physical Ed. Svc.

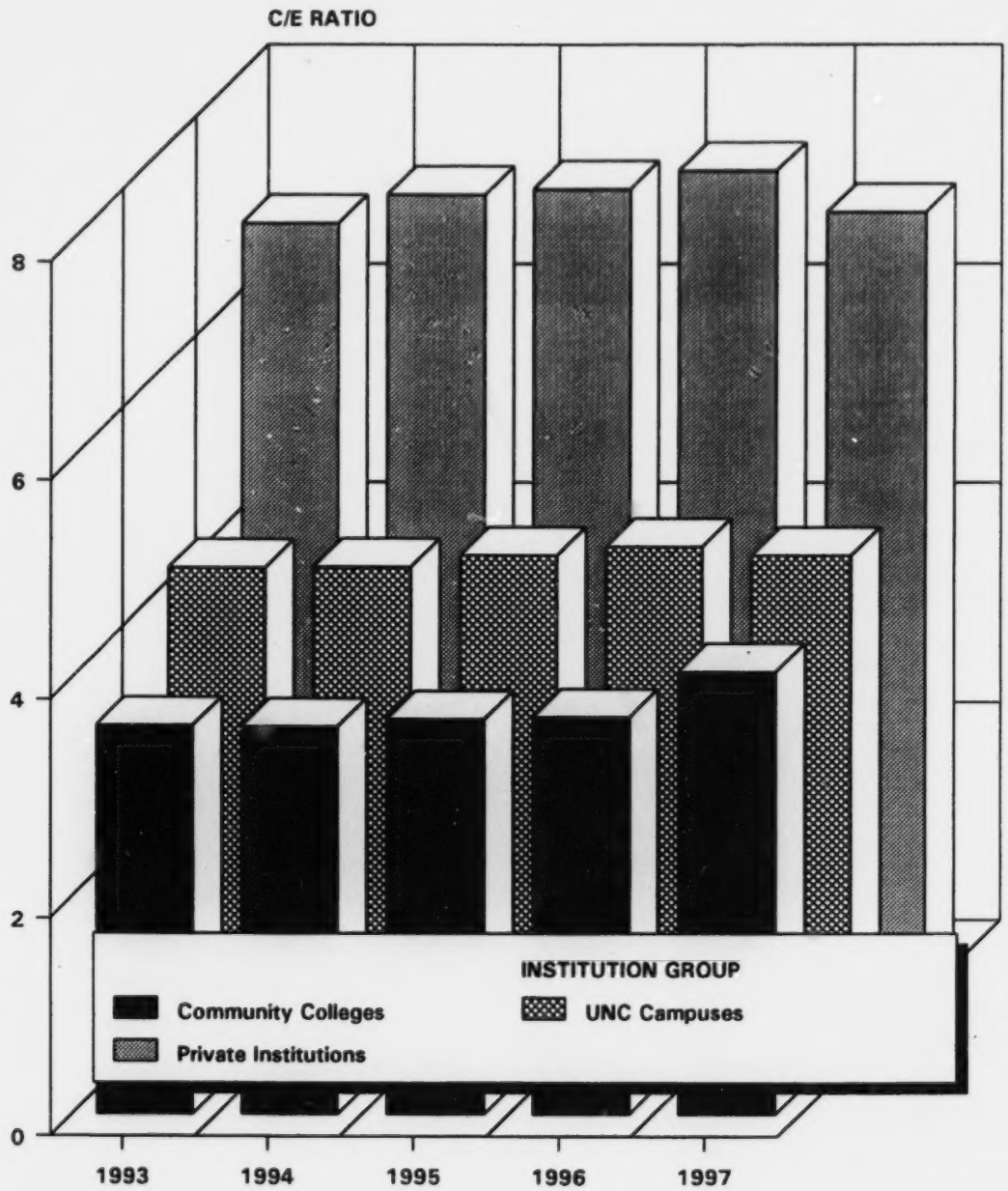
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1997	1996	1995	1994	1993
Research Universities I:							
NC State	1,356,041	350,872.0	3.86	3.96	3.95	3.88	3.85
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,473,879	249,055.5	5.92	6.07	6.18	5.76	6.04
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,829,920	599,927.5	4.72	4.83	4.86	4.67	4.76
Doctoral Universities I:							
UNC-Greensboro	559,147	151,899.0	3.68	3.79	3.71	4.00	3.89
Master's (Comprehensive) Universities and Colleges I:							
Appalachian	643,929	164,685.0	3.91	3.80	4.05	4.14	4.07
East Carolina	804,735	219,144.5	3.67	3.89	3.48	3.29	3.26
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	260,963	50,750.5	5.14	5.56	5.94	4.70	4.78
NC A & T	553,565	108,385.0	5.11	5.10	4.84	4.73	4.71
NC Central	408,823	71,366.0	5.73	6.21	6.06	5.84	5.58
UNC-Charlotte	650,356	204,308.0	3.18	3.21	3.02	2.98	2.93
UNC-Pembroke	219,594	36,811.0	5.97	5.91	6.20	5.83	5.57
UNC-Wilmington	405,987	126,309.5	3.21	3.11	2.94	2.91	3.02
West'n Carolina	500,224	81,890.0	6.11	5.97	5.71	5.56	5.60
SUBTOTAL	4,448,176	1,063,649.5	4.18	4.24	4.12	4.00	3.91
Baccalaureate (Liberal Arts) Universities and Colleges I and II:							
Elizabeth City	219,742	34,805.0	6.31	6.60	5.98	6.21	5.82
UNC-Asheville	268,240	41,966.5	6.39	5.67	5.39	4.58	4.77
Winston-Salem	215,590	39,160.0	5.51	6.04	6.05	5.94	5.96
SUBTOTAL	703,572	115,931.5	6.07	6.07	5.79	5.51	5.51

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1997	1996	1995	1994	1993
Schools of Art, Music, and Design:							
NC Sch. of Arts*	214,456	31,921.0	6.72	9.47	9.28	9.16	8.90
Community Colleges:							
SUBTOTAL	7,251,619	1,787,097.5	4.06	3.64	3.62	3.55	3.56
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,476,952	184,768.0	7.99	7.92	7.20	7.61	7.06
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,923,424	594,617.5	6.60	7.03	7.09	6.80	6.69
Junior Colleges:							
SUBTOTAL	61,654	8,344.5	7.39	11.36	8.15	8.77	7.64
GRAND TOTAL	21,468,920	4,538,156.0	4.73	4.62	4.57	4.48	4.45

* High school courses at N.C. School of the Arts are included in the data.

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1997	1996	1995	1994	1993
Community Colleges:							
Alamance CC	137,427	41,163.5	3.34	3.73	2.63	2.74	2.68
Anson CC	28,044	10,372.5	2.70	2.76	2.95	2.83	4.78
Ashev'le-Bun. TCC	249,084	60,598.5	4.11	3.80	4.15	3.89	4.23
Beaufort Co. CC	87,999	16,023.5	5.49	4.98	3.89	4.48	4.28
Bladen CC	57,710	11,593.5	4.98	4.75	4.96	4.98	5.14
Blue Ridge CC	153,642	22,773.0	6.75	7.20	6.77	7.12	6.59
Brunswick CC	55,506	14,594.0	3.80	3.72	3.18	3.66	3.52
Caldwell CC & TI	135,779	21,392.5	6.35	5.22	4.53	4.13	3.95
Cape Fear CC	130,866	50,656.5	2.58	2.66	2.99	2.56	2.54
Carteret CC	70,225	19,453.0	3.61	3.18	3.20	3.12	3.01
Catawba Vy. CC	171,163	51,960.5	3.29	3.38	3.38	3.14	2.78
C. Carolina CC	161,861	49,776.5	3.25	3.02	2.95	3.34	3.71
C. Piedmont CC	444,066	134,978.0	3.29	2.64	2.79	2.47	2.52
Cleveland CC	99,113	23,286.0	4.26	3.27	4.95	4.00	4.23
Coastal Car. CC	152,145	44,206.0	3.44	3.00	2.73	2.62	2.86
Col. Albemarle	85,709	29,632.0	2.89	2.56	2.96	2.94	2.83
Craven CC	91,839	29,002.0	3.17	2.89	2.89	2.94	2.50
Davidson Co. CC	166,431	30,452.0	5.47	4.01	4.14	4.00	3.90
Durham TCC	142,563	45,591.5	3.13	4.06	3.28	3.25	4.18
Edgecombe CC	86,674	23,281.5	3.72	3.45	4.01	4.11	4.30
Fayettev'le TCC	273,456	89,972.5	3.04	2.66	2.87	2.62	2.89
Forsyth TCC	266,861	54,711.5	4.88	4.31	4.50	4.61	4.42
Gaston Col.	178,587	36,561.5	4.88	4.44	4.01	3.57	3.91
Guilford TCC	383,420	80,724.5	4.75	4.60	3.74	3.57	3.55
Halifax CC	84,520	21,003.0	4.02	3.53	3.17	2.93	2.49
Haywood CC	131,044	21,509.0	6.09	5.16	5.31	5.33	5.16
Isothermal CC	132,680	22,053.0	6.02	5.47	5.82	5.71	5.45
J. Sprunt CC	60,077	12,681.0	4.74	5.16	4.71	4.54	4.74
Johnston CC	92,962	27,657.0	3.36	3.39	3.30	3.34	2.95
Lenoir CC	148,493	30,797.5	4.82	3.69	4.33	4.43	3.81

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1997	1996	1995	1994	1993
Community Colleges:							
Martin CC	75,967	12,862.0	5.91	4.56	4.75	5.77	6.94
Mayland CC	49,936	7,300.0	6.84	4.97	5.65	5.28	3.90
McDowell TCC	57,588	10,768.5	5.35	3.35	4.02	4.45	4.28
Mitchell CC	116,851	25,310.5	4.62	4.67	4.44	4.65	4.42
Montgomery CC	39,595	8,815.5	4.49	3.92	3.87	4.13	5.50
Nash CC	86,909	23,716.5	3.66	3.19	2.69	3.67	3.04
Pamlico CC	20,838	3,045.0	6.84	5.96	5.06	5.78	7.09
Piedmont CC	69,642	14,570.0	4.78	5.25	5.09	5.62	4.21
Pitt CC	152,488	45,789.0	3.33	2.79	3.52	3.58	3.46
Randolph CC	140,101	24,081.0	5.82	4.81	5.25	4.54	4.49
Richmond CC	76,719	18,464.0	4.16	4.28	3.69	3.91	3.89
Roanoke-Cho. CC	52,947	10,614.0	4.99	4.90	4.98	4.40	4.61
Robeson CC	92,243	24,024.5	3.84	3.20	3.04	3.45	3.64
Rockingham CC	156,121	27,270.5	5.72	5.23	4.49	4.56	4.34
Rowan-Cab. CC	158,544	39,739.5	3.99	3.31	3.26	3.54	3.42
Sampson CC	59,323	17,181.5	3.45	3.62	3.53	3.01	2.93
Sandhills CC	129,312	27,798.0	4.65	3.68	4.24	3.72	4.65
Southeastern CC	95,373	20,383.5	4.68	4.30	3.75	3.75	3.77
Southwestern CC	94,607	21,729.0	4.35	3.16	4.01	3.74	4.06
Stanly CC	72,194	18,677.0	3.87	3.53	3.24	2.80	3.17
Surry CC	131,150	40,217.5	3.26	2.95	2.55	2.79	2.76
Tri-County CC	57,097	14,368.0	3.97	5.06	5.01	4.75	4.81
Vance-Granv. CC	104,755	30,293.5	3.46	3.20	3.14	2.87	2.82
Wake TCC	215,774	77,209.5	2.79	2.76	2.78	2.78	2.90
Wayne CC	161,960	31,923.5	5.07	4.30	3.64	3.66	3.41
W. Piedmont CC	114,414	17,992.5	6.36	3.78	3.62	3.61	3.47
Wilkes CC	117,467	28,116.5	4.18	3.68	3.86	4.20	3.94
Wilson TCC	91,758	16,380.0	5.60	4.44	4.56	4.88	4.81
TOTAL	7,251,619	1,787,097.5	4.06	3.64	3.62	3.55	3.56

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), or 765 (Hazardous Materials Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 765 (Hazardous Materials Service), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

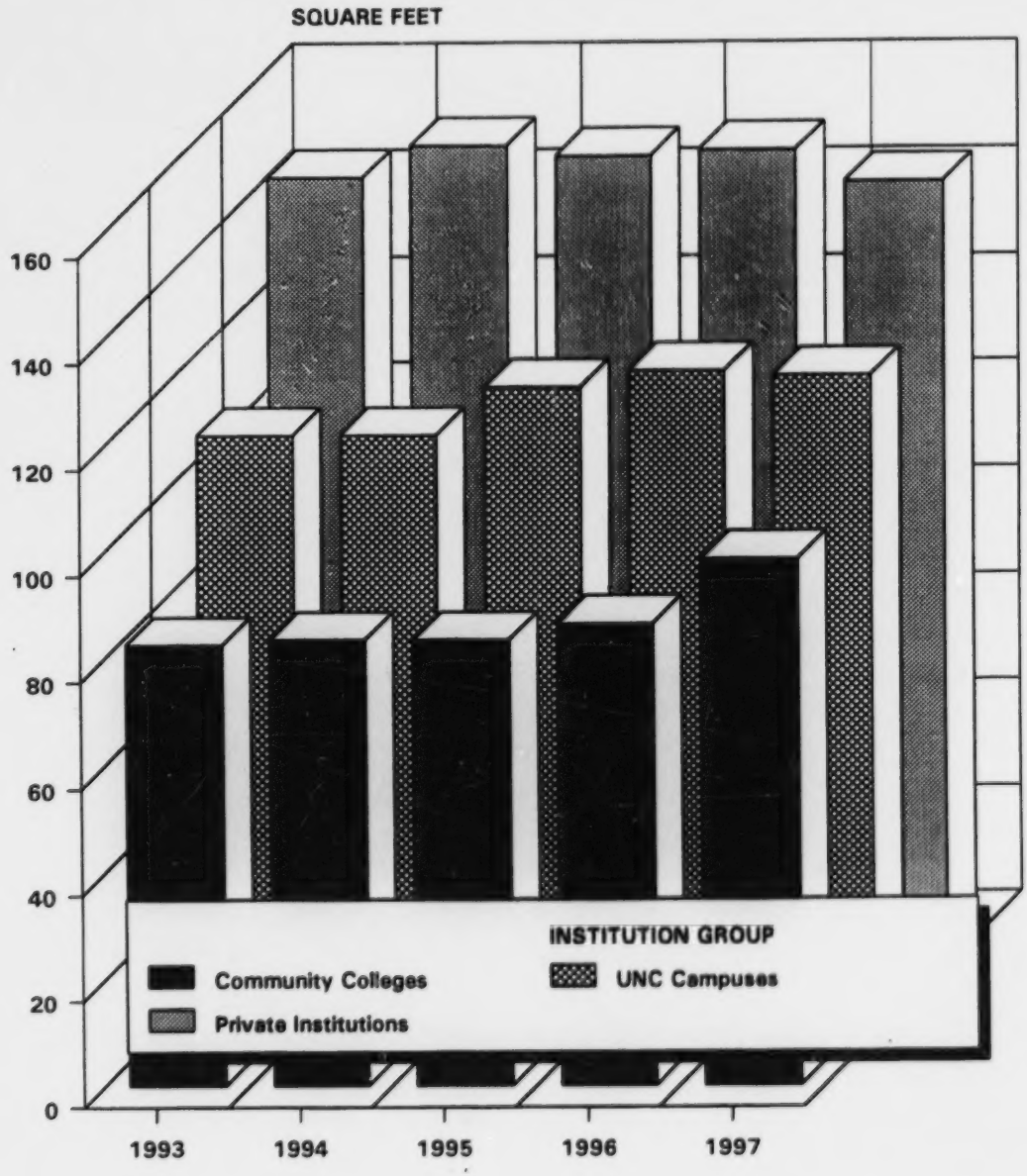
Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

In this table, the FTE enrollments which are reported for the institutions of the Community College System include only credit enrollment generated in all inventoried space. Noncredit enrollment is not reflected in this table. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12. Methods of FTE calculation for the constituent institutions of both the University of North Carolina and Community College System are again outlined on page 69.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1997	1996	1995	1994	1993
Research Universities I:							
NC State	4,297,220	22,928	187	187	182	136	136
NC State Vet.	259,321	298	870	873	900	800	782
UNC-Chapel Hill	2,694,272	18,078	149	146	143	140	143
UNC-Health Aff.	1,470,037	3,373	436	418	415	398	395
SUBTOTAL*	6,991,492	41,006	170	169	164	137	139
Doctoral Universities I:							
UNC-Greensboro	978,171	10,631	92	92	89	96	93
Master's (Comprehensive) Universities and Colleges I:							
Appalachian	1,007,332	11,610	87	88	90	91	93
East Carolina	1,150,162	15,116	76	84	80	77	76
ECU-Health Aff.	552,907	1,307	423	337	321	414	426
Fayetteville	390,102	3,414	114	122	122	102	103
NC A & T**	996,040	6,870	145	144	132	127	129
NC Central	574,137	4,932	116	124	121	116	116
UNC-Charlotte	912,242	13,585	67	68	65	65	64
UNC-Pembroke	300,583	2,592	116	112	113	106	105
UNC-Wilmington	576,749	8,382	69	69	66	66	66
West'n Carolina	709,811	6,007	118	119	119	123	130
SUBTOTAL*	6,617,158	72,508	91	94	92	90	90
Baccalaureate (Liberal Arts) Universities and Colleges I and II:							
Elizabeth City	310,912	1,829	170	170	164	155	151
UNC-Asheville	352,170	2,668	132	119	117	106	107
Winston-Salem	335,608	2,556	131	147	130	127	130
SUBTOTAL	998,690	7,053	142	143	134	127	122

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1997	1996	1995	1994	1993
Schools of Art, Music, and Design:							
NC Sch. of Arts***	287,128	755	380	355	364	383	411
Community Colleges:							
SUBTOTAL	9,196,203	93,202	99	87	84	84	83
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,765,668	16,157	171	173	172	178	162
Gen. Baccalaureate Colleges:							
SUBTOTAL	5,662,595	43,260	131	137	137	136	135
Junior Colleges:							
SUBTOTAL	102,845	448	230	288	267	219	180
GRAND TOTAL	33,599,950	285,020	118	115	112	108	107

* Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

** Agricultural programs at N.C. A&T require a significant amount of academic space. The 1997 figures for these programs are: ASF: 207,644; FTE: 270; ASF per FTE: 769. Figures for all other campus programs: ASF: 788,396; FTE: 6,600; ASF per FTE: 119.

*** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts.

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1997	1996	1995	1994	1993
Community Colleges:							
Alamance CC	166,661	1,910	87	79	63	61	59
Anson CC	35,152	478	74	67	73	74	110
Ashev'le-Bun. TCC	301,202	2,622	115	110	110	101	97
Beaufort Co. CC	114,422	1,010	113	107	90	98	105
Bladen CC	82,376	592	139	111	122	114	112
Blue Ridge CC	222,993	1,008	221	146	135	129	128
Brunswick CC	92,519	538	172	142	121	125	122
Caldwell CC & TI	172,221	1,842	93	78	99	108	94
Cape Fear CC	150,646	2,914	52	54	60	52	50
Carteret CC	103,866	968	107	103	91	90	93
Catawba Vy. CC	211,461	2,162	98	96	95	96	80
C. Carolina CC	180,713	1,592	114	76	86	91	87
C. Piedmont CC	549,910	6,810	81	69	60	57	54
Cleveland CC	122,768	1,118	110	102	123	126	137
Coastal Car. CC	178,337	2,354	76	70	59	59	57
Col. Albemarle	127,420	1,194	107	73	81	78	78
Craven CC	101,648	1,478	69	68	53	67	67
Davidson Co. CC	210,421	1,812	116	95	96	101	79
Durham TCC	185,724	2,616	71	68	63	62	64
Edgecombe CC	111,506	1,204	93	81	85	85	89
Fayettev'le TCC	354,888	4,296	83	68	69	69	71
Forsyth TCC	331,435	2,960	112	101	103	105	106
Gaston Col.	230,570	2,298	100	78	77	68	77
Guilford TCC	484,403	4,670	104	93	83	81	76
Halifax CC	113,122	976	116	107	89	79	75
Haywood CC	180,151	1,240	145	142	147	146	143
Isothermal CC	157,308	1,142	138	130	123	130	121
J. Sprunt CC	80,663	720	112	109	105	94	94
Johnston CC	133,952	1,444	93	85	77	66	68
Lenoir CC	184,729	1,408	131	98	100	103	89

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1997	1996	1995	1994	1993
Community Colleges:							
Martin CC	96,867	554	175	148	159	156	157
Mayland CC	69,838	464	151	104	128	104	77
McDowell TCC	74,918	748	100	73	87	100	118
Mitchell CC	151,112	1,040	145	121	119	121	122
Montgomery CC	48,619	522	93	84	89	91	127
Nash CC	103,387	1,120	92	88	83	85	85
Pamlico CC	26,086	118	221	180	148	156	204
Piedmont CC	97,369	730	133	114	158	165	130
Pitt CC	181,735	2,726	67	60	61	61	94
Randolph CC	168,901	1,022	165	122	132	113	111
Richmond CC	102,017	836	122	115	111	108	119
Roanoke-Cho. CC	70,263	626	112	124	129	120	119
Robeson CC	114,979	1,254	92	82	85	90	92
Rockingham CC	195,174	1,386	141	128	111	107	104
Rowan-Cab. CC	185,540	2,216	84	64	66	111	105
Sampson CC	75,797	772	98	93	99	91	82
Sandhills CC	159,467	2,036	78	71	71	69	67
Southeastern CC	118,536	1,298	91	85	81	79	77
Southwestern CC	126,699	1,092	116	91	109	103	104
Stanly CC	87,028	950	92	73	76	68	68
Surry CC	149,827	2,076	72	70	58	61	61
Tri-County CC	73,904	614	120	130	137	125	139
Vance-Granv. CC	146,022	1,396	105	102	95	89	90
Wake TCC	294,246	4,452	66	63	61	62	65
Wayne CC	195,689	1,966	100	99	85	84	82
W. Piedmont CC	140,042	1,522	92	70	67	70	69
Wilkes CC	154,288	1,456	106	96	109	113	106
Wilson TCC	114,666	834	137	109	106	114	119
TOTAL	9,196,203	93,202	99	87	84	84	83

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the Room Utilization Rate (RUR).

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

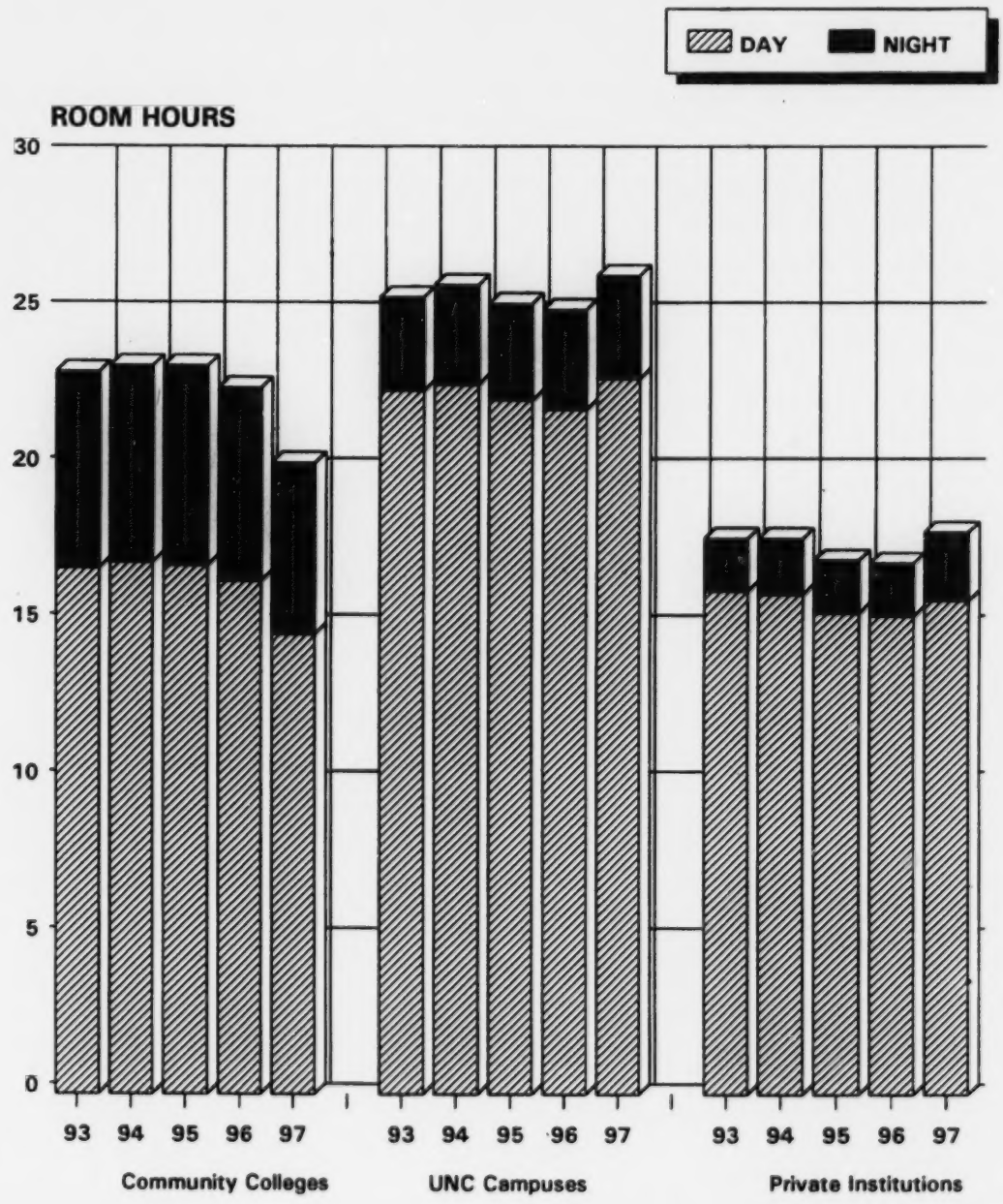
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. The University of North Carolina standard is 35 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Research Universities I:								
NC State	7,704.0	28.7	3.2	31.9	32.4	32.2	32.6	31.4
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,585.0	26.9	1.1	28.0	25.0	24.6	26.3	25.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,289.0	27.8	2.2	30.0	28.5	28.2	29.4	28.3
Doctoral Universities I:								
UNC-Greensboro	3,834.0	25.9	4.6	30.5	29.1	29.5	28.8	28.7
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	5,142.5	23.6	2.1	25.7	26.2	26.2	25.3	27.3
East Carolina	5,156.5	22.1	3.3	25.4	24.8	25.4	27.2	27.2
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,874.0	20.4	4.3	24.7	20.2	19.9	22.9	21.8
NC A & T	3,077.5	17.8	2.6	20.4	21.2	21.0	20.8	18.7
NC Central	2,087.5	14.6	3.5	18.1	15.4	16.3	16.3	16.0
UNC-Charlotte	4,553.0	27.5	8.1	35.6	33.1	36.2	38.3	38.6
UNC-Pembroke	1,291.5	15.3	2.9	18.2	18.4	19.0	19.3	19.9
UNC-Wilmington	3,135.5	30.6	3.9	34.5	34.9	34.2	35.2	34.5
West'n Carolina	2,484.5	19.2	2.6	21.8	22.2	22.1	23.8	25.3
SUBTOTAL	28,802.5	21.5	3.6	25.1	24.2	24.4	25.2	25.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	1,074.0	16.6	1.9	18.5	17.5	19.3	18.2	19.1
UNC-Asheville	1,606.0	23.3	5.9	29.2	27.9	28.6	26.9	24.8
Winston-Salem	1,247.5	15.9	3.3	19.2	17.0	17.3	17.1	14.1
SUBTOTAL	3,927.5	18.4	3.7	22.1	20.5	21.4	20.4	19.0

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Schools of Art, Music, and Design:								
NC Sch. of Arts	550.0	15.1	1.1	16.2	15.9	17.3	17.7	15.6
Community Colleges:								
SUBTOTAL	63,347.0	14.7	5.5	20.2	22.6	23.3	23.3	23.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,822.0	15.1	0.9	16.0	16.4	17.4	18.0	18.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	23,972.5	16.0	2.6	18.6	17.5	17.2	18.0	17.9
Junior Colleges:								
SUBTOTAL	386.0	13.2	0.6	13.8	8.8	13.4	14.4	16.4
GRAND TOTAL	144,930.5	17.4	4.1	21.5	22.0	22.3	22.7	22.6

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Alamance CC	1,359.0	18.9	7.2	26.1	24.9	30.0	30.3	30.5
Anson CC	308.0	20.6	7.4	28.0	24.8	24.8	24.6	18.0
Ashev'le-Bun. TCC	2,343.5	16.8	7.1	23.9	23.8	23.0	21.7	21.1
Beaufort Co. CC	600.0	12.0	3.8	15.8	15.8	19.6	15.8	17.5
Bladen CC	394.5	11.3	5.9	17.2	24.3	23.2	23.6	21.5
Blue Ridge CC	957.0	11.0	6.1	17.1	18.7	19.0	17.3	19.9
Brunswick CC	746.5	19.7	5.2	24.9	24.7	25.9	24.1	27.0
Caldwell CC & TI	784.5	9.0	3.5	12.5	18.4	21.9	22.4	21.9
Cape Fear CC	1,597.0	24.5	9.5	34.0	35.0	27.2	38.2	37.0
Carteret CC	731.0	14.1	5.6	19.7	19.8	20.9	20.6	23.7
Catawba Vy. CC	1,660.5	18.2	7.0	25.2	26.4	25.9	26.0	28.8
C. Carolina CC	1,859.5	17.6	7.5	25.1	24.7	27.2	27.0	23.6
C. Piedmont CC	4,955.5	16.7	5.5	22.2	26.5	28.0	27.5	28.7
Cleveland CC	755.0	14.8	8.1	22.9	23.3	21.4	21.7	20.0
Coastal Car. CC	1,407.5	14.8	5.1	19.9	22.5	29.2	29.4	30.4
Col. Albemarle	1,037.5	17.7	6.4	24.1	24.8	22.2	21.7	23.4
Craven CC	1,054.0	15.8	6.6	22.4	23.6	19.7	22.6	22.5
Davidson Co. CC	989.0	9.5	4.2	13.7	18.2	17.5	18.0	23.9
Durham TCC	1,571.0	16.8	7.4	24.2	19.7	23.4	22.6	19.3
Edgecombe CC	919.0	12.5	4.5	17.0	17.7	18.4	16.9	17.7
Fayettev'le TCC	3,406.0	19.2	5.7	24.9	30.1	26.8	29.5	27.1
Forsyth TCC	1,852.0	12.1	6.6	18.7	20.7	19.7	18.8	18.3
Gaston Col.	1,497.0	13.9	6.4	20.3	22.4	21.5	24.7	23.8
Guilford TCC	2,732.5	11.1	3.8	14.9	15.5	22.5	21.6	22.2
Halifax CC	937.5	18.4	5.6	24.0	24.3	25.4	26.8	28.6
Haywood CC	763.0	15.7	4.9	20.6	22.9	22.5	19.2	21.3
Isothermal CC	577.0	10.0	4.4	14.4	17.2	16.4	17.3	16.4
J. Sprunt CC	560.0	11.8	3.3	15.1	15.5	14.5	13.6	14.8
Johnston CC	1,032.5	17.6	6.4	24.0	21.1	21.5	22.9	22.8
Lenoir CC	1,262.0	13.0	2.5	15.5	20.8	18.2	17.9	19.4

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Martin CC	289.0	11.4	3.1	14.5	17.3	16.6	16.4	16.9
Mayland CC	361.0	8.5	2.5	11.0	20.7	17.4	18.5	24.4
McDowell TCC	238.5	6.2	4.2	10.4	15.6	17.0	19.7	15.4
Mitchell CC	1,088.5	12.2	6.3	18.5	19.6	21.1	22.8	23.0
Montgomery CC	79.5	6.2	1.8	8.0	13.0	13.0	11.6	11.5
Nash CC	903.0	18.3	8.3	26.6	30.0	30.2	26.8	28.6
Pamlico CC	201.5	15.8	6.6	22.4	26.2	30.1	27.5	25.3
Piedmont CC	464.0	10.0	5.0	15.0	16.3	16.3	15.3	15.8
Pitt CC	1,382.5	17.5	5.5	23.0	29.5	27.3	27.9	25.8
Randolph CC	966.5	11.4	7.5	18.9	19.5	20.5	19.7	18.7
Richmond CC	812.0	15.4	7.2	22.6	20.3	23.2	23.0	21.9
Roanoke-Cho. CC	410.5	17.1	3.4	20.5	21.6	20.0	20.9	19.1
Robeson CC	778.0	15.0	6.0	21.0	25.4	24.5	25.2	24.7
Rockingham CC	916.5	13.1	4.9	18.0	19.1	23.4	23.6	23.7
Rowan-Cab. CC	1,647.5	15.1	6.9	22.0	25.4	24.9	23.2	22.8
Sampson CC	741.0	17.2	8.4	25.6	29.7	28.7	29.1	27.3
Sandhills CC	914.0	14.8	3.9	18.7	24.6	19.7	21.2	17.1
Southeastern CC	671.5	12.5	3.8	16.3	17.2	20.2	18.0	17.4
Southwestern CC	756.5	16.9	3.0	19.9	20.8	21.0	20.4	18.8
Stanly CC	641.5	13.8	4.0	17.8	24.6	24.9	27.2	23.5
Surry CC	1,016.5	16.0	8.8	24.8	27.0	31.5	27.9	29.1
Tri-County CC	554.5	13.9	9.2	23.1	22.4	19.8	19.5	19.3
Vance-Granv. CC	1,047.5	14.8	6.6	21.4	23.3	23.5	28.1	24.8
Wake TCC	2,364.0	20.4	4.0	24.4	26.0	25.7	26.7	26.1
Wayne CC	947.5	11.8	4.0	15.8	19.1	21.5	23.1	23.7
W. Piedmont CC	661.5	10.2	4.2	14.4	23.1	25.6	25.6	25.5
Wilkes CC	1,193.0	14.5	5.3	19.8	24.0	26.3	22.9	24.2
Wilson TCC	650.5	13.1	6.0	19.1	23.6	22.7	21.3	19.5
TOTAL	63,347.0	14.7	5.5	20.2	22.6	23.3	23.3	23.1

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the Room Utilization Rate (RUR).

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

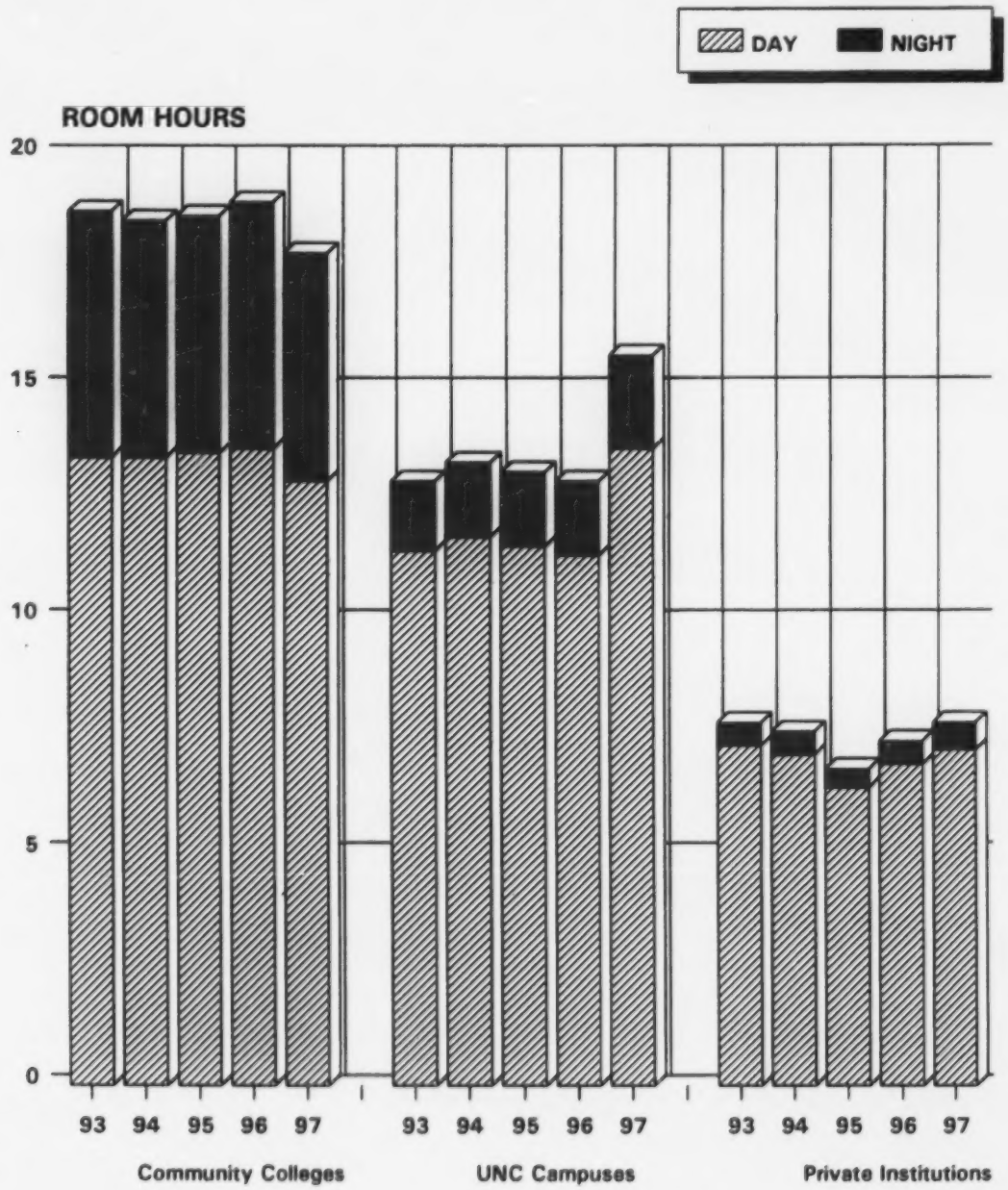
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. The University of North Carolina standard for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System approach or exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Research Universities I:								
NC State	2,283.0	16.8	2.0	18.8	10.8	10.8	12.7	11.9
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,106.5	14.6	2.7	17.3	13.3	13.0	13.9	13.2
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,389.5	16.1	2.3	18.4	11.3	11.3	13.0	12.2
Doctoral Universities I:								
UNC-Greensboro	939.5	14.9	1.8	16.7	14.7	13.9	13.8	13.4
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	1,273.0	12.3	1.6	13.9	14.9	14.1	12.7	13.5
East Carolina	2,080.0	15.4	2.1	17.5	17.8	18.0	14.5	15.0
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	474.0	13.0	2.8	15.8	13.6	12.5	12.8	11.5
NC A & T	1,122.5	12.2	1.5	13.7	14.1	12.0	13.1	12.8
NC Central	402.0	7.9	1.0	8.9	7.0	6.7	6.0	6.0
UNC-Charlotte	1,941.0	16.8	3.4	20.2	19.2	19.3	20.8	19.6
UNC-Pembroke	216.5	7.3	0.2	7.5	7.0	7.2	6.4	6.4
UNC-Wilmington	1,069.5	16.7	2.4	19.1	11.4	21.6	20.2	18.7
West'n Carolina	698.5	12.2	1.0	13.2	11.4	12.6	14.9	13.4
SUBTOTAL	9,277.0	13.5	1.9	15.4	14.1	14.7	14.1	14.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	505.0	11.3	1.7	13.0	12.7	14.5	13.1	10.8
UNC-Asheville	359.5	9.4	1.5	10.9	11.1	10.4	10.5	10.4
Winston-Salem	319.0	8.8	1.8	10.6	9.6	7.3	8.6	8.1
SUBTOTAL	1,183.5	9.9	1.7	11.6	11.2	11.1	11.0	9.1

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Schools of Art, Music, and Design:								
NC Sch. of Arts	674.5	13.1	1.9	15.0	11.7	11.2	11.8	12.9
Community Colleges:								
SUBTOTAL	41,433.5	13.0	4.9	17.9	19.0	18.7	18.6	18.8
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	630.0	4.1	0.3	4.4	4.7	3.5	5.5	6.2
Gen. Baccalaureate Colleges:								
SUBTOTAL	5,160.5	7.9	0.8	8.7	8.1	7.7	8.0	8.1
Junior Colleges:								
SUBTOTAL	68.5	7.6	0.0	7.6	6.4	5.2	7.6	7.5
GRAND TOTAL	62,756.5	12.1	3.4	15.5	15.1	15.0	15.2	15.1

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Alamance CC	1,094.5	15.9	6.4	22.3	22.9	27.4	25.7	25.1
Anson CC	443.0	23.9	7.8	31.7	27.4	25.1	23.6	21.7
Ashev'le-Bun. TCC	1,171.5	12.9	5.7	18.6	21.5	20.0	18.2	16.7
Beaufort Co. CC	493.0	11.3	3.2	14.5	18.1	22.0	20.0	20.9
Bladen CC	523.5	12.0	9.0	21.0	19.7	20.3	19.3	16.0
Blue Ridge CC	725.0	13.0	6.6	19.6	13.5	12.3	12.5	15.7
Brunswick CC	249.5	12.5	4.1	16.6	18.4	21.5	16.3	15.7
Caldwell CC & TI	486.0	6.7	2.7	9.4	11.9	13.9	14.9	16.0
Cape Fear CC	1,146.0	20.7	6.0	26.7	25.4	25.6	24.4	24.6
Carteret CC	377.5	9.2	3.9	13.1	17.6	18.5	16.6	16.8
Catawba Vy. CC	1,365.5	16.9	7.1	24.0	23.2	23.4	22.0	22.5
C. Carolina CC	1,193.0	13.3	4.5	17.8	18.2	16.5	16.1	14.8
C. Piedmont CC	2,428.0	15.0	4.4	19.4	26.0	26.0	27.1	27.5
Cleveland CC	716.5	9.2	7.0	16.2	16.9	13.4	12.5	13.3
Coastal Car. CC	1,026.5	16.0	5.0	21.0	22.2	21.8	23.8	22.3
Col. Albemarle	479.5	14.7	3.7	18.4	21.7	18.6	16.6	16.8
Craven CC	682.0	17.4	7.9	25.3	26.4	25.9	27.2	27.6
Davidson Co. CC	778.0	9.7	4.2	13.9	13.7	16.9	15.1	15.5
Durham TCC	931.5	12.1	6.6	18.7	15.7	15.8	15.3	16.5
Edgecombe CC	724.5	15.6	4.5	20.1	20.8	17.4	16.1	14.0
Fayettev'le TCC	1,777.0	15.6	4.6	20.2	17.5	17.1	16.4	15.9
Forsyth TCC	1,081.0	9.7	4.0	13.7	15.4	15.7	15.1	18.0
Gaston Col.	624.5	10.9	5.1	16.0	14.8	14.8	14.6	15.7
Guilford TCC	1,360.5	10.0	3.2	13.2	13.9	14.7	13.9	14.7
Halifax CC	512.0	16.1	4.4	20.5	21.3	23.1	30.0	29.9
Haywood CC	819.0	14.6	4.0	18.6	18.1	21.2	18.6	20.4
Isothermal CC	610.0	11.4	4.7	16.1	18.5	17.6	17.3	17.7
J. Sprunt CC	299.0	11.1	2.5	13.6	14.3	14.2	20.6	22.3
Johnston CC	606.0	11.9	4.4	16.3	13.8	13.6	14.4	13.4
Lenoir CC	534.0	12.0	3.2	15.2	19.0	16.9	14.7	19.1

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Martin CC	459.5	13.4	3.1	16.5	16.2	14.8	16.5	13.1
Mayland CC	165.5	12.4	6.0	18.4	19.6	23.6	25.1	28.7
McDowell TCC	417.5	10.7	8.3	19.0	21.9	19.3	24.0	22.3
Mitchell CC	328.5	6.2	3.8	10.0	11.3	10.9	11.7	12.0
Montgomery CC	504.0	13.3	6.9	20.2	22.2	23.4	22.9	23.5
Nash CC	485.5	14.1	6.2	20.3	22.0	20.0	17.6	20.6
Pamlico CC	152.5	10.4	8.6	19.0	16.8	14.5	14.0	16.3
Piedmont CC	517.0	12.8	7.1	19.9	18.4	16.6	18.2	19.7
Pitt CC	973.0	14.9	3.1	18.0	18.0	12.7	13.3	12.7
Randolph CC	636.5	11.1	2.7	13.8	17.3	14.6	17.6	18.2
Richmond CC	405.0	12.7	6.6	19.3	18.2	18.2	17.6	16.8
Roanoke-Cho. CC	359.0	17.0	5.5	22.5	19.9	20.0	20.0	20.0
Robeson CC	522.0	9.7	6.2	15.9	16.3	16.1	17.5	16.2
Rockingham CC	716.0	11.1	4.8	15.9	18.9	22.1	19.0	20.3
Rowan-Cab. CC	775.5	12.6	5.9	18.5	19.8	19.6	18.4	19.2
Sampson CC	248.5	12.2	5.6	17.8	15.9	19.0	21.2	20.9
Sandhills CC	583.0	13.1	2.3	15.4	14.2	13.0	15.6	12.0
Southeastern CC	491.0	9.7	3.6	13.3	13.4	12.8	10.5	15.2
Southwestern CC	537.5	9.9	3.5	13.4	15.7	14.1	15.6	12.8
Stanly CC	629.0	13.4	5.1	18.5	17.7	20.0	19.9	17.8
Surry CC	1,115.5	18.9	7.7	26.6	27.9	25.1	27.5	26.4
Tri-County CC	317.0	11.8	6.9	18.7	16.3	12.8	12.8	14.0
Vance-Granv. CC	797.0	13.4	6.1	19.5	23.6	24.8	26.4	24.4
Wake TCC	1,657.5	20.4	5.9	26.3	28.6	27.3	27.1	25.6
Wayne CC	685.5	10.7	3.3	14.0	16.0	17.4	17.2	16.1
W. Piedmont CC	327.0	7.5	2.4	9.9	19.9	22.7	20.0	21.8
Wilkes CC	751.0	14.1	3.8	17.9	18.7	17.2	17.8	19.3
Wilson TCC	619.5	12.9	6.5	19.4	20.6	18.5	19.8	20.1
TOTAL	41,433.5	13.0	4.9	17.9	19.0	18.7	18.6	18.8

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

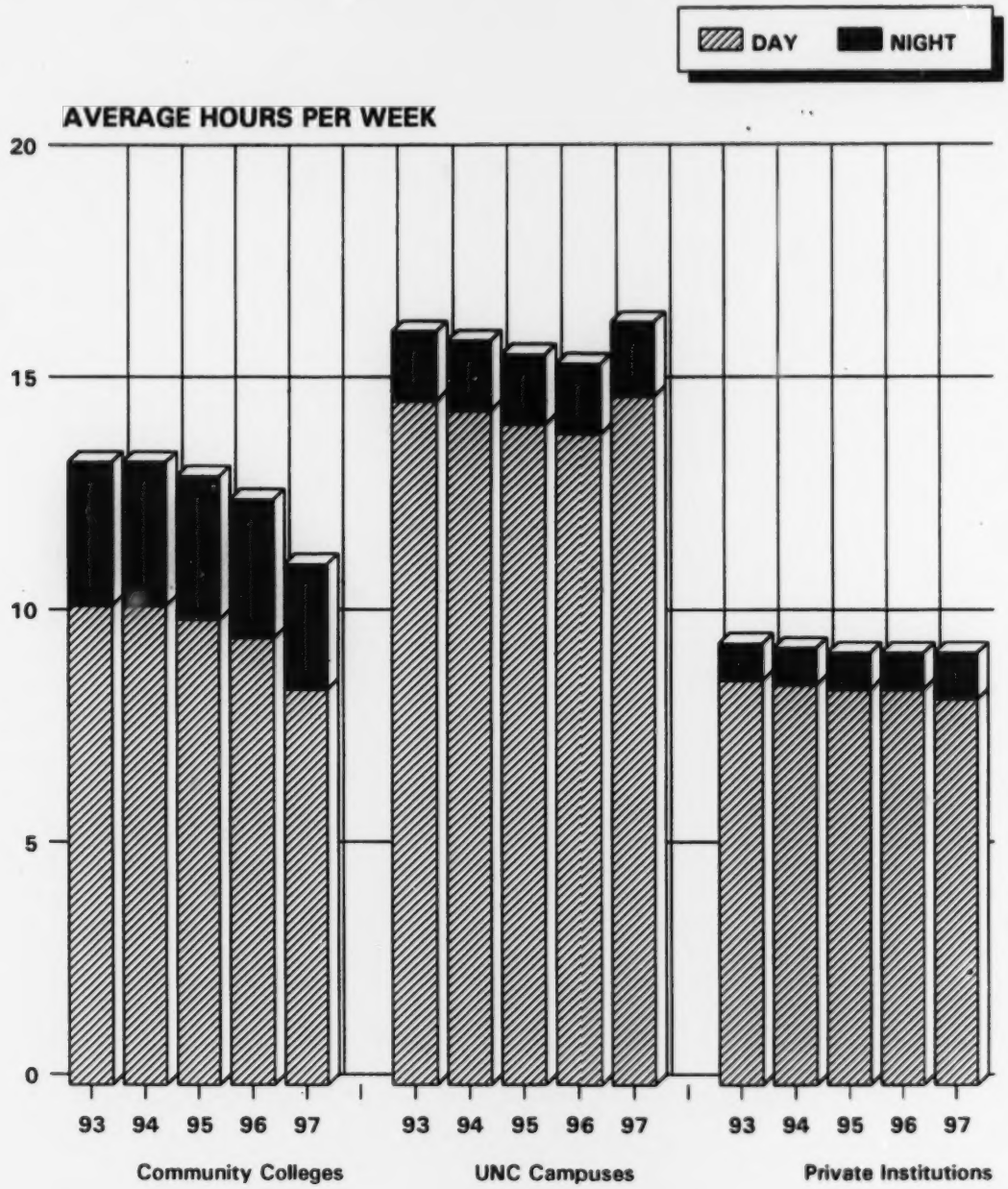
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 22.75 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 35 hours (see Table 3) and that there is 65% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Research Universities I:								
NC State	13,730	18.3	1.8	20.1	19.8	19.7	19.8	19.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	12,181	17.4	0.5	17.9	15.5	15.2	16.5	15.7
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	25,911	17.9	1.2	19.1	17.6	17.4	18.1	17.7
Doctoral Universities I:								
UNC-Greensboro	6,674	16.0	2.2	18.2	17.5	17.9	16.5	17.5
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	8,186	15.6	1.0	16.6	16.8	16.0	15.6	16.0
East Carolina	9,875	15.7	1.8	17.5	17.3	17.3	18.3	18.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	2,906	11.9	1.6	13.5	10.9	10.2	11.7	11.9
NC A & T	6,764	11.1	1.1	12.2	12.6	13.5	13.5	14.8
NC Central	5,604	8.5	1.5	10.0	8.7	9.2	9.6	10.0
UNC-Charlotte	7,459	17.4	3.7	21.1	19.7	22.9	23.0	23.7
UNC-Pembroke	2,877	9.2	1.3	10.5	9.9	9.7	10.4	10.6
UNC-Wilmington	5,041	18.3	1.8	20.1	20.3	21.7	22.2	22.6
West'n Carolina	4,708	11.5	1.5	13.0	12.9	13.3	13.5	14.1
SUBTOTAL	53,420	13.9	1.8	15.7	15.1	15.4	15.8	16.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	2,533	8.4	0.7	9.1	8.6	9.5	9.8	10.4
UNC-Asheville	1,938	13.8	3.0	16.8	14.3	14.8	14.6	13.7
Winston-Salem	3,049	8.2	1.3	9.5	8.3	8.7	8.9	7.9
SUBTOTAL	7,520	9.7	1.5	11.2	10.1	10.7	10.8	10.3

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Schools of Art, Music, and Design:								
NC Sch. of Arts	820	10.1	0.6	10.7	10.1	10.7	10.6	9.7
Community Colleges:								
SUBTOTAL	99,329	8.5	2.7	11.2	12.6	13.1	13.4	13.4
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	15,756	9.5	0.4	9.9	9.8	10.7	10.1	10.3
Gen. Baccalaureate Colleges:								
SUBTOTAL	49,905	8.2	1.1	9.3	8.7	8.8	9.2	9.2
Junior Colleges:								
SUBTOTAL	944	7.2	0.3	7.5	5.2	7.9	8.0	9.3
GRAND TOTAL	260,279	10.8	1.9	12.7	12.8	13.1	13.4	13.5

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Alamance CC	1,943	9.6	2.7	12.3	9.6	15.1	13.9	14.6
Anson CC	291	10.6	3.6	14.2	14.6	16.6	17.9	9.2
Ashev'le-Bun. TCC	2,801	10.8	3.5	14.3	14.5	13.4	13.3	12.6
Beaufort Co. CC	993	6.1	2.2	8.3	8.1	11.9	10.1	10.6
Bladen CC	653	5.4	2.6	8.0	11.7	10.0	10.3	10.8
Blue Ridge CC	1,542	5.8	2.8	8.6	10.0	9.9	9.6	10.8
Brunswick CC	899	10.0	2.0	12.0	12.2	13.4	12.7	13.6
Caldwell CC & TI	1,715	5.6	2.3	7.9	10.5	12.2	11.9	12.9
Cape Fear CC	1,477	15.4	6.0	21.4	22.2	17.9	24.3	23.8
Carteret CC	1,021	10.1	3.9	14.0	13.3	13.2	13.9	15.4
Catawba Vy. CC	1,828	11.3	3.7	15.0	15.0	14.2	15.9	18.5
C. Carolina CC	2,288	9.6	3.7	13.3	14.1	17.2	15.6	12.8
C. Piedmont CC	8,070	9.2	3.0	12.2	14.6	14.8	15.9	16.6
Cleveland CC	1,100	8.0	3.5	11.5	11.8	9.9	10.6	9.9
Coastal Car. CC	2,103	9.6	3.1	12.7	15.4	19.2	19.4	18.0
Col. Albemarle	1,391	8.6	2.7	11.3	11.9	11.5	11.8	12.6
Craven CC	1,544	7.2	2.8	10.0	11.2	10.5	11.1	12.4
Davidson Co. CC	2,512	5.2	2.1	7.3	9.7	9.3	9.4	13.6
Durham TCC	2,080	10.2	4.4	14.6	10.9	14.3	13.7	10.9
Edgecombe CC	1,318	8.2	2.3	10.5	11.1	11.2	11.2	10.7
Fayettev'le TCC	5,078	10.0	2.2	12.2	15.5	14.3	16.2	14.8
Forsyth TCC	3,455	6.8	3.6	10.4	11.6	10.8	10.5	10.3
Gaston Col.	2,694	6.8	2.6	9.4	11.3	11.4	13.8	12.6
Guilford TCC	5,545	7.7	2.3	10.0	9.5	12.6	13.9	14.3
Halifax CC.	1,185	10.4	2.1	12.5	13.7	13.7	14.8	15.3
Haywood CC	1,024	8.9	2.0	10.9	13.6	12.4	11.9	12.1
Isothermal CC	1,159	6.1	2.3	8.4	9.2	9.1	9.4	10.1
J. Sprunt CC	833	7.5	1.9	9.4	9.7	11.3	9.6	10.5
Johnston CC	1,603	8.7	2.4	11.1	11.0	12.6	13.7	14.4
Lenoir CC	2,111	8.4	1.4	9.8	13.1	10.1	10.9	12.9

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Martin CC	602	6.7	1.4	8.1	11.4	10.6	8.9	9.5
Mayland CC	831	4.7	1.4	6.1	10.8	8.9	9.5	11.5
McDowell TCC'	509	4.3	2.5	6.8	9.4	9.7	8.1	6.8
Mitchell CC	1,874	6.6	2.8	9.4	10.3	11.3	11.7	12.4
Montgomery CC	240	3.9	1.0	4.9	6.3	7.6	5.5	5.0
Nash CC	1,108	9.9	4.2	14.1	16.4	14.9	13.0	14.0
Pamlico CC	231	6.3	2.2	8.5	11.4	14.0	14.0	10.5
Piedmont CC	696	5.9	2.7	8.6	10.6	10.5	9.2	12.2
Pitt CC	1,989	11.5	3.1	14.6	19.8	17.5	17.6	16.7
Randolph CC	1,319	7.2	3.6	10.8	13.3	12.8	13.2	13.2
Richmond CC	975	8.8	3.9	12.7	12.7	14.5	14.2	12.5
Roanoke-Cho. CC	565	8.8	1.6	10.4	12.1	11.0	13.1	11.9
Robeson CC	1,243	8.4	2.8	11.2	13.5	17.3	13.5	13.6
Rockingham CC	1,879	7.2	2.1	9.3	10.3	12.8	13.2	12.9
Rowan-Cab. CC	2,549	7.7	3.0	10.7	12.2	12.5	11.7	11.1
Sampson CC	874	10.5	5.2	15.7	15.3	15.7	17.0	17.6
Sandhills CC	1,987	7.6	1.5	9.1	12.6	10.8	11.5	9.7
Southeastern CC	1,731	6.0	1.1	7.1	8.1	9.9	10.3	9.9
Southwestern CC	978	10.4	1.2	11.6	13.0	13.1	13.1	13.1
Stanly CC	1,220	7.0	1.7	8.7	11.2	12.6	14.7	12.2
Surry CC	1,459	10.0	4.0	14.0	15.9	21.4	19.1	19.8
Tri-County CC	769	8.2	4.4	12.6	9.9	9.5	10.3	9.5
Vance-Granv. CC	1,495	8.4	3.4	11.8	12.8	12.4	14.8	13.3
Wake TCC	3,357	12.8	2.3	15.1	15.2	15.2	15.1	14.6
Wayne CC	1,911	7.7	2.0	9.7	12.0	13.3	13.9	14.9
W. Piedmont CC	1,583	5.4	1.8	7.2	12.2	12.9	13.4	13.7
Wilkes CC	2,082	6.3	1.9	8.2	9.7	10.7	9.4	11.0
Wilson TCC	1,017	6.7	2.7	9.4	12.3	12.6	11.6	11.1
TOTAL	99,329	8.5	2.7	11.2	12.6	13.1	13.4	13.4

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

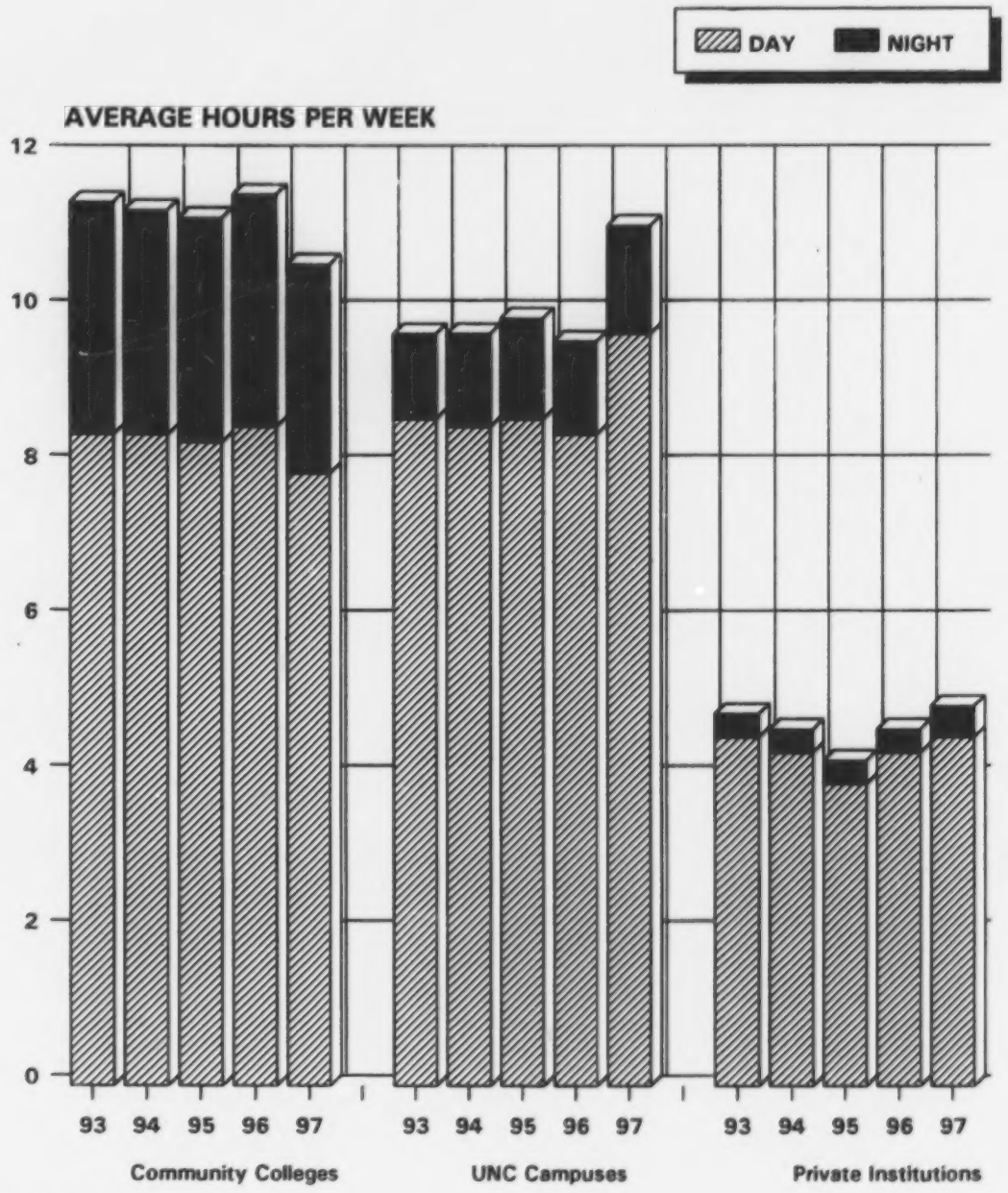
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 15 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 75% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Research Universities I:								
NC State	3,272	12.2	1.3	13.5	9.4	9.9	11.2	10.9
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,709	9.8	2.6	12.4	8.2	8.4	8.5	8.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	4,981	11.4	1.8	13.2	9.1	9.4	10.3	10.1
Doctoral Universities I:								
UNC-Greensboro	1,603	10.4	1.5	11.9	10.3	10.3	9.8	9.5
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	2,235	9.0	1.2	10.2	11.7	10.7	9.9	10.4
East Carolina	3,032	11.1	1.5	12.6	13.3	12.9	10.6	10.7
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	804	8.5	1.5	10.0	8.4	7.5	7.2	5.8
NC A & T	2,326	9.3	1.1	10.4	10.0	9.1	9.6	10.3
NC Central	1,294	6.1	0.6	6.7	4.0	4.2	3.9	4.5
UNC-Charlotte	2,512	12.5	2.4	14.9	13.8	14.5	14.9	14.3
UNC-Pembroke	742	4.8	0.0	4.8	4.8	4.3	4.0	4.8
UNC-Wilmington	1,421	12.6	1.5	14.1	11.0	16.8	17.3	16.1
West'n Carolina	1,367	8.1	0.6	8.7	7.3	8.0	8.2	7.5
SUBTOTAL	15,733	9.8	1.3	11.1	10.4	10.6	10.1	10.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	1,156	7.1	1.4	8.5	7.2	8.8	7.4	7.6
UNC-Asheville	948	5.8	0.6	6.4	6.5	6.4	6.7	6.0
Winston-Salem	845	5.6	1.4	7.0	6.3	5.1	5.8	5.8
SUBTOTAL	2,949	6.2	1.2	7.4	6.7	7.0	6.7	6.3

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Schools of Art, Music, and Design:								
NC Sch. of Arts	1,239	9.3	1.3	10.6	7.3	7.8	8.6	9.9
Community Colleges:								
SUBTOTAL	52,456	7.9	2.7	10.6	11.5	11.2	11.3	11.4
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,620	3.6	0.3	3.9	4.2	2.5	4.6	5.4
Gen. Baccalaureate Colleges:								
SUBTOTAL	15,525	4.6	0.4	5.0	4.8	4.5	4.6	4.7
Junior Colleges:								
SUBTOTAL	212	4.0	0.0	4.0	4.0	3.7	4.4	4.6
GRAND TOTAL	97,318	7.7	1.9	9.6	9.6	9.5	9.6	9.6

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Alamance CC	1,256	9.1	3.3	12.4	11.7	14.0	14.3	13.6
Anson CC	308	10.8	3.3	14.1	15.2	14.8	13.6	10.7
Ashev'le-Bun. TCC	1,333	7.6	3.2	10.8	12.0	11.2	11.7	10.7
Beaufort Co. CC	771	7.6	1.8	9.4	10.7	14.4	12.2	12.7
Bladen CC	534	7.0	4.8	11.8	12.1	11.5	10.9	9.7
Blue Ridge CC	750	7.8	3.5	11.3	7.6	7.6	7.5	8.6
Brunswick CC	335	7.0	1.8	8.8	11.2	13.6	10.3	10.0
Caldwell CC & TI	927	4.7	1.8	6.5	8.9	10.5	10.8	12.5
Cape Fear CC	908	14.6	4.7	19.3	17.5	17.9	16.7	18.4
Carteret CC	662	4.6	2.0	6.6	9.6	11.0	10.2	9.1
Catawba Vy. CC	1,261	10.3	3.8	14.1	13.7	14.2	14.2	15.9
C. Carolina CC	1,603	8.3	2.4	10.7	11.8	11.5	10.9	9.2
C. Piedmont CC	2,806	7.9	2.6	10.5	13.8	13.1	15.5	13.9
Cleveland CC	949	5.3	4.2	9.5	11.0	8.2	7.7	8.6
Coastal Car. CC	1,199	10.5	3.0	13.5	14.0	14.9	17.1	15.5
Col. Albemarle	569	8.7	2.1	10.8	12.9	11.4	9.8	9.8
Craven CC	745	8.6	3.5	12.1	13.2	15.6	14.5	17.0
Davidson Co. CC	1,291	6.5	2.1	8.6	7.7	10.1	9.2	9.1
Durham TCC	1,156	7.4	4.2	11.6	9.9	10.0	9.8	9.5
Edgecombe CC	655	11.1	3.2	14.3	14.5	12.0	11.1	9.9
Fayettev'le TCC	2,348	8.1	2.5	10.6	10.6	10.9	10.5	10.4
Forsyth TCC	1,833	5.7	2.6	8.3	9.5	9.1	9.3	10.9
Gaston Col.	1,014	6.7	2.4	9.1	8.5	8.9	9.1	8.6
Guilford TCC	2,086	7.6	2.3	9.9	9.7	10.1	10.1	10.6
Halifax CC	512	8.7	2.2	10.9	12.9	11.1	13.3	13.7
Haywood CC	793	9.9	2.4	12.3	11.5	11.7	11.8	12.8
Isothermal CC	922	6.4	2.6	9.0	10.4	9.7	10.0	9.9
J. Sprunt CC	458	6.0	1.2	7.2	7.0	6.6	11.6	11.6
Johnston CC	990	6.6	1.8	8.4	7.9	8.0	8.0	8.0
Lenoir CC	722	8.6	1.7	10.3	13.7	10.5	9.7	12.8

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1997	1996	1995	1994	1993
Community Colleges:								
Martin CC	764	8.1	1.4	9.5	8.8	8.3	7.1	7.4
Mayland CC	215	6.9	2.2	9.1	10.3	10.9	11.7	14.7
McDowell TCC	544	6.1	4.1	10.2	15.0	10.4	11.2	11.5
Mitchell CC	732	4.3	2.0	6.3	6.6	6.1	6.3	6.2
Montgomery CC	512	8.0	3.4	11.4	14.5	14.7	15.5	13.6
Nash CC	444	10.6	4.5	15.1	17.4	15.5	12.5	14.4
Pamlico CC	152	3.1	4.0	7.1	7.5	7.7	8.3	8.5
Piedmont CC	533	8.2	4.8	13.0	11.4	10.1	9.3	12.7
Pitt CC	977	11.9	2.5	14.4	14.4	9.9	10.0	10.0
Randolph CC	914	7.7	1.5	9.2	12.0	10.1	12.6	12.1
Richmond CC	427	8.6	4.8	13.4	12.5	12.5	12.4	11.8
Roanoke-Cho. CC	383	6.8	2.7	9.5	12.0	11.0	13.0	11.8
Robeson CC	1,011	6.6	2.7	9.3	10.3	9.6	9.7	8.6
Rockingham CC	1,077	6.0	2.5	8.5	8.9	12.0	10.7	12.1
Rowan-Cab. CC	963	8.3	3.1	11.4	10.1	10.0	8.9	10.4
Sampson CC	319	6.6	2.6	9.2	9.4	9.6	11.5	11.8
Sandhills CC	986	6.8	1.2	8.0	8.3	7.3	9.5	6.6
Southeastern CC	820	4.7	1.5	6.2	6.9	7.1	6.8	7.0
Southwestern CC	746	7.6	2.4	10.0	12.3	10.3	12.7	10.7
Stanly CC	1,129	4.8	1.7	6.5	6.3	7.4	7.6	7.6
Surry CC	959	12.9	4.3	17.2	18.9	17.5	17.9	17.3
Tri-County CC	316	8.9	4.5	13.4	10.6	9.1	7.9	10.1
Vance-Granv. CC	1,039	7.9	3.0	10.9	13.3	13.3	12.6	15.2
Wake TCC	1,186	15.1	4.6	19.7	20.7	19.6	19.3	18.0
Wayne CC	1,217	7.4	2.0	9.4	11.1	12.2	10.9	11.8
W. Piedmont CC	739	4.8	1.2	6.0	12.9	14.1	12.5	13.5
Wilkes CC	1,000	6.6	1.6	8.2	8.8	8.7	8.7	7.4
Wilson TCC	656	6.4	3.6	10.0	11.9	9.6	10.9	11.3
TOTAL	52,456	7.9	2.7	10.6	11.5	11.2	11.3	11.4

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equaled the number of stations) each time a course met in the room.

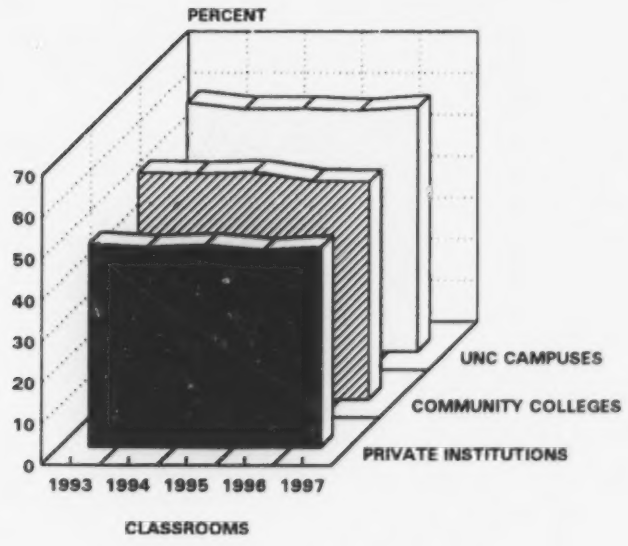
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used. Percent student station utilization may also be referred to as the Station Occupancy Rate (SOR).

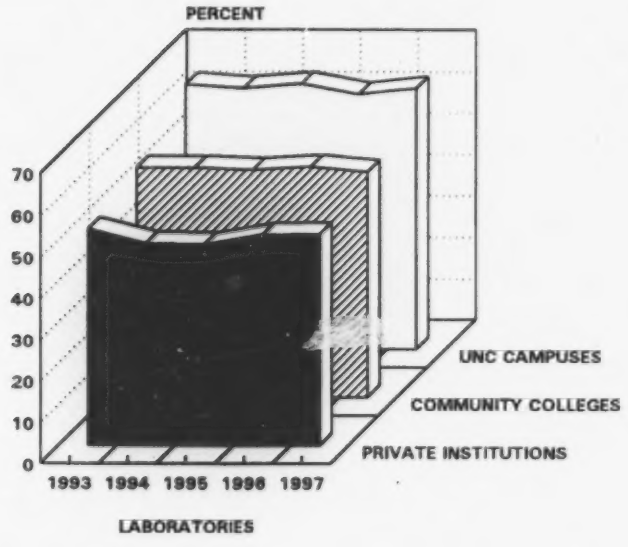
The University of North Carolina standards are 65% for classrooms and 75% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized configuration and/or equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage for all N.C. institutions is usually less than 60%.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) EQUALS

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES





Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Research Universities I:										
NC State	60.8	60.1	59.6	60.7	62.0	70.1	75.1	78.4	78.3	77.4
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	59.4	59.4	59.8	60.1	59.9	60.4	55.9	61.9	53.0	54.3
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	60.2	59.8	59.7	60.4	61.1	66.7	68.9	73.3	69.5	69.4
Doctoral Universities I										
UNC-Greensboro	60.8	60.8	62.2	59.1	61.7	59.7	57.3	58.6	56.3	57.9
Master's (Comprehensive) Universities and Colleges I:										
Appalachian	59.6	60.1	57.1	58.1	56.1	60.1	58.3	59.7	59.2	59.1
East Carolina	65.2	64.0	63.3	63.1	64.3	63.6	66.2	67.1	70.3	67.3
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	52.3	51.0	48.1	49.1	51.0	63.9	58.6	54.4	51.9	47.2
NC A & T	59.4	59.9	64.7	65.6	74.8	66.4	62.6	67.5	65.3	75.7
NC Central	51.0	49.5	50.5	51.1	54.0	64.1	49.1	52.5	53.6	56.6
UNC-Charlotte	62.0	60.5	63.0	60.2	62.9	66.1	62.3	66.6	62.8	64.4
UNC-Pembroke	55.3	51.0	47.9	51.2	51.0	56.4	64.1	55.9	54.2	61.7
UNC-Wilmington	61.5	58.2	63.2	63.2	66.3	67.7	66.6	65.5	71.1	72.5
West'n Carolina	53.5	53.2	54.6	52.5	52.8	52.7	48.4	49.9	50.0	47.8
SUBTOTAL	59.6	58.4	59.1	58.8	61.0	63.4	61.1	62.8	62.4	63.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II:										
Elizabeth City	43.9	42.9	43.8	47.3	50.5	52.2	47.1	48.4	45.3	53.8
UNC-Asheville	52.8	47.8	49.3	50.1	50.4	46.2	49.9	56.3	55.6	57.5
Winston-Salem	42.8	44.3	45.5	44.2	45.3	57.7	57.0	73.4	66.9	58.2
SUBTOTAL	46.5	45.2	46.4	47.2	49.2	51.7	50.1	54.3	52.4	56.6

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Schools of Art, Music and Design:										
NC Sch. of Arts	61.4	57.4	57.1	56.0	56.6	74.5	54.9	56.8	63.2	62.7
Community Colleges:										
SUBTOTAL	52.6	52.8	53.5	54.5	54.8	54.5	55.8	54.9	55.5	55.5
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	55.8	52.2	54.6	50.3	52.0	54.1	58.8	51.1	62.0	71.2
Gen. Baccalaureate Colleges:										
SUBTOTAL	46.3	46.0	46.6	47.4	47.7	51.1	50.0	48.1	47.1	49.3
Junior Colleges:										
SUBTOTAL	54.4	56.3	58.7	54.4	57.0	44.0	49.4	62.1	47.9	53.0
GRAND TOTAL	54.5	54.0	54.7	54.9	55.8	56.6	57.0	56.9	57.0	57.5

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Community Colleges:										
Alamance CC	45.8	37.3	46.8	42.4	45.2	52.5	47.6	47.8	50.9	50.2
Anson CC	51.6	60.3	64.9	70.4	51.6	42.6	53.6	57.0	55.7	47.9
Ashev'le-Bun. TCC	55.7	56.5	54.3	56.9	57.6	53.5	53.2	52.5	61.0	59.7
Beaufort Co. CC	52.9	53.1	55.2	56.2	55.3	61.7	59.2	61.9	59.7	58.2
Bladen CC	54.2	43.5	43.1	41.6	49.7	50.9	54.4	49.1	49.4	52.6
Blue Ridge CC	48.8	48.7	46.0	47.7	47.5	53.0	55.9	59.4	58.7	48.5
Brunswick CC	49.6	49.5	52.2	54.0	51.4	47.3	57.9	59.9	58.9	56.5
Caldwell CC & TI	56.0	54.4	51.4	48.3	54.3	57.6	61.2	58.5	56.4	58.8
Cape Fear CC	60.0	59.6	64.4	64.0	65.1	66.6	64.5	65.7	64.1	69.1
Carteret CC	63.2	58.1	55.4	59.4	59.5	50.0	52.4	58.0	59.6	53.7
Catawba Vy. CC	56.1	53.7	51.3	57.2	58.6	57.9	57.0	58.7	62.9	68.3
C. Carolina CC	50.1	52.6	59.2	54.1	49.9	57.1	59.7	65.3	61.7	56.2
C. Piedmont CC	53.4	53.6	50.7	55.1	55.7	45.2	44.7	41.5	48.0	42.9
Cleveland CC	48.0	49.6	43.5	46.4	47.7	50.7	57.5	52.7	52.1	57.2
Coastal Car. CC	61.7	65.7	64.7	66.0	59.6	62.4	63.4	66.7	69.0	67.7
Col. Albemarle	46.7	44.1	45.4	48.3	48.3	55.1	57.4	62.5	54.1	52.8
Craven CC	43.2	47.9	54.1	48.3	55.1	45.2	48.5	56.6	51.5	58.1
Davidson Co. CC	49.7	51.7	51.4	51.0	52.8	51.6	45.3	56.0	53.1	55.4
Durham TCC	60.7	53.5	60.7	58.8	52.2	57.9	55.4	55.8	57.3	52.0
Edgecombe CC	61.2	60.7	58.2	65.0	59.2	62.0	62.7	60.9	61.3	59.0
Fayettev'le TCC	47.3	49.7	50.1	53.5	52.2	52.3	57.0	60.4	58.2	59.5
Forsyth TCC	55.1	56.8	57.6	54.6	56.2	57.9	60.3	55.2	61.3	61.3
Gaston Col.	45.1	47.9	50.8	54.5	51.0	52.8	52.3	55.9	57.2	52.9
Guilford TCC	64.8	58.1	54.5	61.5	62.7	67.2	63.4	59.3	63.3	64.5
Halifax CC	48.7	54.9	53.7	51.9	51.6	47.3	53.6	41.6	44.4	45.8
Haywood CC	52.2	54.2	50.1	54.9	54.2	54.7	54.2	52.3	55.5	55.4
Isothermal CC	52.5	49.6	51.3	49.1	56.5	50.9	52.8	52.7	54.0	50.8
J. Sprunt CC	48.2	50.8	61.2	57.7	61.6	44.2	42.7	41.4	49.2	47.8
Johnston CC	47.2	50.5	53.2	54.7	59.7	48.7	53.1	53.4	50.6	53.0
Lenoir CC	57.1	56.4	52.5	59.7	64.4	61.7	66.8	57.6	59.8	60.8

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Community Colleges:										
Martin CC	55.6	63.2	61.7	50.8	52.1	54.0	50.0	47.7	39.5	44.3
Mayland CC	53.9	52.1	48.7	50.3	46.9	54.4	52.8	48.3	48.7	55.0
McDowell TCC	56.3	55.0	50.4	38.5	38.6	50.3	61.3	49.7	44.6	48.7
Mitchell CC	51.9	50.2	52.7	49.5	52.4	57.5	50.9	51.3	51.0	45.4
Montgomery CC	61.9	47.3	55.0	45.7	42.5	54.4	63.0	63.8	66.4	56.6
Nash CC	57.5	57.6	51.2	50.4	50.3	73.4	80.3	74.4	67.7	66.5
Pamlico CC	36.4	39.2	43.0	45.6	38.4	34.6	39.9	47.4	50.9	44.2
Piedmont CC	51.8	54.2	58.6	51.3	65.6	58.4	58.1	56.7	45.9	59.2
Pitt CC	59.2	60.7	62.1	60.8	61.6	66.2	67.5	68.5	66.0	70.7
Randolph CC	53.5	62.5	58.5	60.8	62.4	63.4	62.4	63.2	68.2	64.4
Richmond CC	53.0	57.3	59.6	57.0	51.6	62.1	63.3	63.4	65.0	63.2
Roanoke-Cho. CC	46.1	52.5	51.1	57.5	59.0	39.6	53.8	50.5	62.5	57.1
Robeson CC	55.6	52.7	69.5	53.7	56.0	57.2	63.4	60.6	54.8	52.9
Rockingham CC	49.3	53.3	53.6	53.9	52.3	52.8	44.1	48.0	45.9	49.5
Rowan-Cab. CC	48.2	48.3	50.5	49.0	48.3	55.7	50.3	50.8	48.6	53.8
Sampson CC	57.5	49.1	52.1	53.9	59.4	49.1	57.1	48.9	54.0	54.6
Sandhills CC	47.7	50.8	55.6	54.1	57.1	48.3	54.5	54.3	54.9	52.8
Southeastern CC	36.9	45.1	45.9	52.5	52.8	37.0	45.2	53.0	48.0	44.2
Southwestern CC	51.2	54.8	55.9	57.8	59.8	68.6	74.4	70.2	79.4	78.7
Stanly CC	43.0	41.0	45.9	52.0	48.2	31.3	36.9	35.1	36.1	40.2
Surry CC	56.9	60.1	62.6	65.3	65.3	59.7	63.4	65.8	62.7	63.4
Tri-County CC	51.3	42.3	46.3	49.8	46.5	61.8	58.0	63.6	56.5	64.8
Vance-Granv. CC	54.3	51.8	48.7	49.5	53.6	55.0	51.7	49.4	44.2	59.1
Wake TCC	61.8	59.4	59.2	57.3	56.0	71.3	67.8	67.0	66.9	66.5
Wayne CC	56.1	56.0	57.2	56.0	58.5	59.4	63.9	61.3	55.3	64.4
W. Piedmont CC	49.6	51.2	48.8	51.0	52.3	55.8	61.3	60.2	57.6	57.5
Wilkes CC	38.0	38.6	38.2	39.3	42.3	37.3	41.8	43.2	43.9	35.7
Wilson TCC	46.2	48.6	52.8	51.6	53.3	53.4	59.3	52.4	51.6	52.7
TOTAL	52.6	52.8	53.5	54.5	54.8	54.5	55.8	54.9	55.5	55.5

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pp. 117-118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	13
Community/Technical Colleges	19
By Level:	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
All North Carolina Institutions	16

Student Clock Hours of Instruction

Table 8

INSTITUTION	1997			1996			1995		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	275,338.0	44,424.5	31,109.5	272,245.5	59,175.0	23,081.5	271,082.5	60,607.5	21,707.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	218,612.0	21,172.0	9,271.5	215,163.0	20,876.0	10,229.5	211,551.0	21,408.5	8,802.0
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	493,950.0	65,596.5	40,381.0	487,408.5	80,051.0	33,311.0	482,633.5	82,016.0	30,509.5
Doctoral Universities I:									
UNC-Greensboro	121,449.0	19,033.0	11,417.0	121,947.0	17,752.5	12,028.5	124,392.5	16,866.5	14,141.0
Master's (Comprehensive) Universities and Colleges I:									
Appalachian	135,490.0	22,622.5	6,572.5	136,869.0	25,644.0	5,070.0	139,216.5	25,560.5	4,824.5
East Carolina	173,293.5	38,288.5	7,562.5	172,312.0	39,160.0	11,129.5	172,315.5	38,161.5	10,929.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	39,219.0	8,109.5	3,422.0	40,406.5	10,514.0	1,955.5	37,524.5	9,283.0	2,713.0
NC A & T	82,588.0	24,352.0	1,445.0	85,473.5	22,887.0	109.5	93,205.0	20,920.5	2,239.0
NC Central	56,112.5	8,617.0	6,636.5	53,626.5	5,755.5	7,347.0	57,199.0	5,997.5	5,533.0
UNC-Charlotte	157,097.0	37,601.0	9,610.0	152,857.5	34,778.0	12,933.0	152,091.0	39,421.5	8,306.0
UNC-Pembroke	30,194.0	3,589.5	3,027.5	28,871.5	3,484.0	3,023.0	27,782.0	3,178.0	2,749.5
UNC-Wilmington	101,465.0	20,022.5	4,822.0	101,266.5	16,835.5	11,127.5	92,984.5	16,912.5	9,702.0
West'n Carolina	61,121.5	11,839.5	8,929.0	62,552.0	10,570.5	11,646.0	70,139.0	9,765.0	8,350.5
SUBTOTAL	836,580.5	175,042.0	52,027.0	834,235.0	169,628.5	64,341.0	842,457.0	169,200.0	55,347.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II:									
Elizabeth City	22,906.5	9,783.0	2,115.5	22,279.0	8,035.5	2,896.0	24,641.0	9,824.0	2,182.5
UNC-Asheville	32,418.0	6,049.0	3,499.5	32,448.0	5,787.0	2,507.0	34,337.5	5,823.5	2,501.0
Winston-Salem	28,931.5	5,983.5	4,245.0	28,837.5	4,616.0	4,384.0	29,631.5	3,825.5	4,010.0
SUBTOTAL	84,256.0	21,815.5	9,860.0	83,564.5	18,438.5	9,787.0	88,610.0	19,473.0	8,693.5
Schools of Art, Music, and Design:									
NC Sch. of Arts	8,756.0	13,144.5	10,020.5	8,213.5	8,637.0	3,394.0	8,236.5	8,424.0	2,386.5
Community Colleges:									
SUBTOTAL	1,111,852.5	556,920.0	118,325.0	1,194,780.0	581,902.0	137,362.0	1,166,773.0	558,908.0	118,563.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	155,256.5	10,027.0	19,484.5	154,326.0	10,541.0	20,397.5	169,001.0	6,384.0	25,358.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	465,686.5	78,837.5	50,093.5	436,152.5	73,955.5	45,566.0	432,090.5	68,385.0	46,751.5
Junior Colleges:									
SUBTOTAL	7,028.5	840.5	475.5	8,936.5	1,659.5	340.0	12,794.0	1,862.0	763.0
GRAND TOTAL	3,284,815.5	941,256.5	312,084.0	3,329,563.5	962,565.5	326,527.0	3,326,988.0	931,518.5	302,513.5

Student Clock Hours of Instruction

Table 8

INSTITUTION	1997			1996			1995		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	23,976.5	15,614.0	1,573.0	21,466.5	14,372.0	1,799.5	24,454.0	15,963.0	1,768.5
Anson CC	4,128.5	4,331.0	1,913.0	4,265.5	4,678.0	1,205.0	4,893.0	5,087.0	1,442.0
Asheville-Bun. TCC	40,059.5	14,459.0	6,080.0	41,816.5	15,427.5	6,587.0	38,639.0	14,341.0	3,285.0
Beaufort Co. CC	8,236.5	7,257.0	530.0	7,986.0	8,319.5	514.0	8,939.0	9,827.5	24.0
Bladen CC	5,178.5	6,335.0	80.0	6,102.0	4,277.0	84.0	4,655.0	4,975.0	368.0
Blue Ridge CC	13,189.0	8,476.0	1,108.0	14,046.5	5,316.0	186.5	13,855.0	5,042.0	250.0
Brunswick CC	10,804.0	2,946.0	844.0	10,608.5	3,522.0	545.5	11,653.0	3,862.0	805.5
Caldwell CC & TI	13,653.0	6,014.0	1,725.5	13,739.0	6,597.0	1,062.0	16,016.0	7,685.0	909.5
Cape Fear CC	31,535.5	17,517.0	1,604.0	31,140.5	15,768.0	1,110.0	28,837.0	15,976.5	1,175.0
Carteret CC	14,297.0	4,373.0	783.0	12,978.0	5,904.0	1,166.5	12,578.5	6,533.5	550.0
Catawba Vy. CC	27,437.0	17,827.5	6,696.0	25,877.5	18,212.0	5,911.5	24,202.0	18,787.0	6,414.5
C. Carolina CC	30,417.5	17,266.0	2,093.0	29,967.5	16,444.0	3,440.5	28,785.0	13,849.0	2,768.5
C. Piedmont CC	98,517.0	29,237.5	7,223.5	115,702.5	39,033.0	12,734.0	107,655.0	37,903.0	5,095.0
Cleveland CC	12,599.5	8,945.5	1,741.0	13,197.0	10,423.0	6,656.0	10,674.0	8,459.5	703.0
Coastal Car. CC	26,734.0	16,132.0	1,340.0	32,745.5	16,524.0	1,100.5	34,644.0	16,245.5	1,190.0
Col. Albemarle	15,770.0	8,126.0	7,737.0	18,179.0	7,204.5	9,191.5	14,977.0	6,292.5	6,293.5
Craven CC	15,380.0	9,036.0	4,586.0	17,349.0	9,804.5	4,652.0	15,798.0	11,622.0	4,088.0
Davidson Co. CC	18,223.5	11,043.5	1,185.0	21,968.0	7,266.0	3,762.5	20,981.0	9,079.0	1,705.0
Durham TCC	30,341.5	13,490.5	1,759.5	24,880.5	10,392.5	499.0	32,325.0	10,507.5	1,168.5
Edgecombe CC	13,883.0	9,323.5	75.0	15,422.5	9,535.0	0.0	11,743.5	7,495.5	55.0
Fayettev'le TCC	62,060.5	24,974.5	2,937.5	72,446.0	18,433.0	4,791.0	66,003.0	18,739.0	2,961.0
Forsyth TCC	36,056.5	15,344.0	3,311.0	41,587.5	16,215.0	3,992.5	38,722.5	15,584.0	4,336.0
Gaston Col.	25,392.5	9,239.0	1,930.0	28,522.0	8,558.0	1,721.5	28,384.0	8,624.5	1,925.5
Guilford TCC	55,258.5	20,716.0	4,750.0	58,051.5	21,983.5	2,411.5	60,426.0	23,544.0	3,557.5
Halifax CC	14,837.0	5,562.0	604.0	16,186.0	7,130.5	622.5	15,477.0	7,154.0	2,185.0
Haywood CC	11,156.0	9,747.0	606.0	9,833.5	13,037.0	1,680.5	9,514.5	12,619.5	1,931.0
Isothermal CC	9,701.0	8,292.0	4,060.0	10,647.5	9,652.0	3,953.0	10,368.5	8,842.5	3,593.0
J. Sprunt CC	7,764.5	3,318.5	1,598.0	7,932.5	3,171.0	540.5	9,655.5	3,075.0	637.0
Johnston CC	17,772.5	8,310.5	1,574.0	17,759.5	8,232.5	1,694.0	17,107.0	8,270.5	1,853.5
Lenoir CC	20,734.5	7,420.0	2,643.0	23,880.0	9,644.0	3,011.0	18,610.0	8,038.0	5,788.0
Martin CC	4,842.5	7,263.0	756.5	6,250.0	6,787.5	3,280.0	5,874.0	6,409.5	3,852.0
Mayland CC	5,023.0	1,957.0	320.0	6,431.0	2,355.0	0.0	5,284.5	2,349.0	0.0
McDowell TCC	3,446.0	5,539.5	1,783.0	4,075.0	8,589.0	2,495.0	4,467.0	5,946.0	2,425.0
Mitchell CC	17,678.5	4,550.0	3,082.0	17,984.5	5,131.5	1,849.0	17,644.0	4,728.0	2,583.0
Montgomery CC	1,169.5	5,854.5	1,791.5	1,844.5	6,951.5	1,276.0	2,132.0	6,458.5	1,271.0
Nash CC	15,687.5	6,687.0	1,342.0	17,921.0	8,025.5	656.0	16,238.5	5,894.0	2,507.0
Pamlico CC	1,960.5	1,084.5	0.0	2,380.0	1,010.0	33.0	2,949.0	1,030.0	48.0
Piedmont CC	6,006.0	6,975.0	1,589.0	5,974.0	5,863.5	266.0	5,892.0	5,203.0	1,391.0
Pitt CC	29,077.0	14,070.0	2,642.0	32,795.5	13,792.0	4,499.5	29,204.0	9,560.0	1,724.0
Randolph CC	14,157.5	8,438.5	1,486.0	13,054.0	11,109.5	1,585.0	12,948.0	9,482.0	1,168.0
Richmond CC	12,412.0	5,710.0	342.0	12,421.0	5,156.0	297.0	14,156.5	5,168.0	1,322.0
Roanoke-Cho. CC	5,856.0	3,618.0	1,140.0	6,831.0	4,474.0	2,968.0	6,203.5	3,821.5	3,635.5
Robeson CC	13,906.5	9,390.0	728.0	14,822.5	10,411.0	2,352.0	18,379.5	9,542.0	928.0
Rockingham CC	17,419.5	9,190.0	661.0	19,863.5	9,402.0	409.0	20,571.0	11,066.0	737.0
Rowan-Cab. CC	27,158.0	10,978.0	1,603.5	29,266.0	9,837.0	882.0	30,478.5	9,498.5	860.0
Sampson CC	13,714.0	2,937.5	530.0	13,236.0	2,837.0	676.0	13,641.5	2,913.5	643.0
Sandhills CC	18,056.0	7,878.0	1,864.0	25,654.5	8,366.0	1,586.0	22,106.0	7,324.5	1,521.0
Southeastern CC	12,210.5	5,059.5	3,113.5	14,075.0	5,609.0	2,385.0	14,712.5	5,486.0	2,934.5
Southwestern CC	11,326.5	7,428.0	2,974.5	11,280.5	8,217.5	7,362.0	11,399.0	6,923.0	2,847.5
Stanly CC	10,620.0	7,422.0	635.0	9,760.0	6,941.5	1,365.0	10,905.0	8,039.0	796.0
Surry CC	20,342.0	16,552.5	3,323.0	22,495.0	18,548.5	2,993.0	22,304.0	13,390.0	4,261.0
Tri-County CC	9,752.5	4,247.5	368.0	7,569.5	3,352.0	357.0	7,067.0	3,283.0	617.5
Vance-Granv. CC	17,688.5	11,390.5	1,214.5	17,660.5	13,820.0	909.0	14,329.5	13,323.0	2,016.0
Wake TCC	50,403.5	23,364.0	3,442.0	49,768.5	22,501.0	2,818.0	50,482.0	21,369.0	2,993.0
Wayne CC	18,620.5	11,459.0	1,844.0	22,931.5	13,271.0	1,286.0	23,492.0	12,514.5	1,108.0
W. Piedmont CC	11,420.5	4,396.0	2,176.0	14,597.0	7,865.0	1,831.0	15,464.5	8,593.5	1,325.5
Wilkes CC	17,227.0	8,222.5	2,667.0	20,257.5	8,774.5	2,842.0	17,596.0	8,731.0	2,232.0
Wilson TCC	9,576.5	6,586.5	218.0	10,304.0	7,828.0	1,479.0	10,280.0	6,838.0	1,991.0
TOTAL	1,111,852.5	556,920.0	118,325.0	1,194,780.0	581,902.0	137,362.0	1,166,773.0	558,908.0	118,563.5

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TABLE 9:

SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.79:

$$\text{Classroom Space Factor} = \frac{18}{35 \text{ X } .65} = 0.79$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. The current average can be calculated by using the state averages for the three required indices from Tables 3, 7, and 16:

$$\text{Classroom Space Factor} = \frac{18}{21.5 \text{ X } .545} = 1.54$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. This variance results in a wide range of space factors and makes the defining of norms difficult. Standards adopted by the University of North Carolina (See Table 11) classify class laboratories into four categories, based on discipline requirements, and assign a space factor (and other criteria) for each:

High Intensive (e.g., Engineering and intensive Fine Arts) is assigned a Space Factor standard of 7.20. This is based on standards of 20 Weekly Room Hours (Room Utilization Rate), a Percent Student Station Utilization (or Station Occupancy Rate) of 0.75, and ASF per Student Station (Station Size) of 108 square feet.

Intensive (e.g., Architecture, less intensive Fine Arts, Health Professions, Library and Physical Sciences) is assigned a Space Factor Standard of 4.67. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 70 square feet.

Moderately Intensive (e.g., Agriculture, Biological Sciences, Education) is assigned a Space Factor standard of 3.33. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per student Station of 50 square feet.

Non-Intensive (e.g., Business, Communications, Languages) is assigned a Space Factor of 2.20. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 33 square feet.

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Research Universities I:															
NC State	0.73	0.72	0.73	0.72	0.74	2.95	4.61	4.44	4.09	4.25	1.04	1.42	1.40	1.33	1.36
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.88	0.99	1.00	0.93	0.98	3.13	4.18	4.07	4.04	4.00	1.07	1.27	1.28	1.20	1.26
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.79	0.84	0.85	0.82	0.84	3.01	4.50	4.34	4.08	4.18	1.05	1.35	1.35	1.28	1.32
Doctoral Universities I:															
UNC-Greensboro	0.95	0.95	0.93	1.01	0.95	3.50	3.92	3.93	4.17	4.33	1.29	1.33	1.29	1.39	1.36
Master's (Comprehensive) Universities and Colleges I:															
Appalachian	1.13	1.10	1.12	1.15	1.12	4.07	3.54	3.63	4.00	3.82	1.55	1.49	1.51	1.56	1.51
East Carolina	0.93	0.97	0.97	0.91	0.89	3.08	3.02	3.08	3.69	3.62	1.32	1.35	1.35	1.38	1.35
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.37	1.61	1.72	1.48	1.47	4.33	3.49	3.95	4.09	4.79	1.87	1.99	2.16	1.95	1.92
NC A & T	1.30	1.25	1.18	1.11	1.02	3.11	3.28	3.58	3.39	3.10	1.71	1.68	1.62	1.54	1.41
NC Central	1.55	1.82	1.71	1.64	1.57	4.58	8.41	8.07	8.67	7.51	1.96	2.46	2.31	2.23	2.12
UNC-Charlotte	0.67	0.71	0.61	0.60	0.58	2.22	2.24	2.07	2.07	2.17	0.97	1.00	0.91	0.91	0.87
UNC-Pembroke	1.60	1.64	1.68	1.57	1.54	6.41	6.52	7.15	7.86	6.45	2.11	2.17	2.24	2.18	2.09
UNC-Wilmington	0.74	0.75	0.74	0.69	0.68	2.62	3.84	2.18	2.15	2.32	1.05	1.19	0.96	0.92	0.92
West'n Carolina	1.46	1.41	1.41	1.37	1.29	4.55	5.11	4.31	4.84	5.03	1.96	1.95	1.76	1.87	1.82
SUBTOTAL	1.05	1.09	1.07	1.03	0.98	3.27	3.47	3.27	3.51	3.45	1.44	1.49	1.44	1.44	1.37
Baccalaureate (Liberal Arts) Universities and Colleges I and II:															
Elizabeth City	1.77	1.87	1.69	1.65	1.52	4.21	5.03	4.12	4.93	4.77	2.50	2.71	2.38	2.45	2.42
UNC-Asheville	1.25	1.29	1.22	1.25	1.35	5.05	5.04	5.13	4.95	5.58	1.85	1.86	1.79	1.76	1.90
Winston-Salem	1.65	1.95	1.92	1.89	2.15	3.84	4.55	5.61	4.93	5.06	2.03	2.31	2.35	2.27	2.50
SUBTOTAL	1.53	1.67	1.59	1.57	1.63	4.34	4.91	4.71	4.93	5.29	2.11	2.26	2.15	2.14	2.22
Schools of Art, Music, and Design:															
NC Sch. of Arts	2.04	2.16	2.06	2.08	2.28	4.53	8.53	8.37	7.75	6.75	3.54	5.43	5.25	5.07	4.89
Community Colleges:															
SUBTOTAL	1.87	1.64	1.56	1.51	1.50	4.97	4.56	4.67	4.68	4.65	2.90	2.60	2.57	2.53	2.53
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.71	1.67	1.53	1.56	1.53	9.51	9.26	14.95	7.77	6.46	2.19	2.16	2.02	2.01	1.92
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.79	1.89	1.88	1.78	1.76	6.72	7.18	7.63	7.45	7.31	2.50	2.65	2.67	2.52	2.50
Junior Colleges:															
SUBTOTAL	2.53	3.79	2.41	2.35	2.02	10.92	10.38	10.62	8.16	7.79	3.42	4.83	3.46	3.38	2.93
GRAND TOTAL	1.44	1.40	1.35	1.31	1.30	4.67	4.66	4.71	4.70	4.67	2.16	2.13	2.09	2.05	2.04

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Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
Community Colleges:															
Alamance CC	1.59	1.98	1.18	1.27	1.21	3.59	3.75	3.06	3.02	3.03	2.38	2.69	1.92	2.00	1.93
Anson CC	1.45	1.40	1.40	1.30	2.53	2.94	2.72	3.38	3.66	4.65	2.21	2.09	2.41	2.41	3.80
Ashev'le-Bun. TCC	1.66	1.60	1.74	1.76	1.80	6.42	5.86	6.28	6.06	7.08	2.92	2.75	2.97	2.98	3.13
Beaufort Co. CC	2.91	2.62	1.80	2.09	2.01	5.47	4.84	3.67	4.49	4.36	4.11	3.75	2.78	3.37	3.26
Bladen CC	2.52	1.86	2.07	1.86	1.77	4.63	5.71	5.25	5.34	5.99	3.68	3.45	3.71	3.64	3.76
Blue Ridge CC	3.18	2.47	2.45	2.54	2.26	8.71	12.97	13.31	12.78	11.12	5.35	5.36	5.35	5.58	5.15
Brunswick CC	1.60	1.56	1.47	1.52	1.40	6.50	5.39	4.33	5.67	6.05	2.65	2.51	2.18	2.47	2.44
Caldwell CC & TI	2.85	2.15	1.84	1.69	1.55	10.13	7.98	6.85	6.50	5.62	5.07	4.04	3.46	3.38	3.03
Cape Fear CC	1.08	1.10	1.46	0.90	0.92	3.11	3.23	3.16	3.40	3.10	1.80	1.82	2.07	1.74	1.71
Carteret CC	1.39	1.35	1.35	1.27	1.14	6.90	4.23	3.82	4.14	4.59	2.68	2.25	2.20	2.13	2.10
Catawba Vy. CC	1.65	1.55	1.62	1.46	1.19	4.14	4.29	4.16	4.16	3.85	2.63	2.68	2.73	2.53	2.26
C. Carolina CC	1.55	1.45	1.24	1.37	1.65	3.80	3.71	4.03	4.34	5.13	2.37	2.25	2.15	2.39	2.90
C. Piedmont CC	1.43	1.19	1.16	1.08	1.03	5.39	4.06	4.17	3.55	3.58	2.34	1.91	1.95	1.74	1.75
Cleveland CC	1.61	1.55	1.78	1.71	1.82	4.38	3.74	4.92	5.29	4.87	2.76	2.52	3.17	3.23	3.17
Coastal Car. CC	1.72	1.42	1.11	1.08	1.16	3.66	3.46	3.48	3.21	3.56	2.45	2.10	1.87	1.81	1.96
Col. Albemarle	1.52	1.36	1.44	1.39	1.35	4.84	3.95	4.69	5.07	4.82	2.45	2.20	2.40	2.53	2.47
Craven CC	1.91	1.69	1.81	1.70	1.52	2.99	2.77	2.33	2.52	2.14	2.31	2.08	2.03	2.02	1.79
Davidson Co. CC	2.74	1.90	1.96	1.95	1.30	5.43	5.44	4.31	5.04	5.24	3.76	2.78	2.67	2.82	2.38
Durham TCC	1.39	1.85	1.42	1.48	1.81	4.47	5.39	5.33	5.48	5.52	2.34	2.89	2.38	2.48	2.93
Edgecombe CC	2.02	1.89	1.88	1.82	1.96	3.83	3.75	4.63	5.05	5.67	2.74	2.60	2.95	3.04	3.29
Fayettev'le TCC	1.56	1.34	1.46	1.30	1.47	3.90	4.33	4.18	4.42	4.54	2.23	1.95	2.06	1.87	2.08
Forsyth TCC	1.90	1.72	1.84	1.90	1.93	6.96	6.33	6.54	6.70	5.55	3.41	3.01	3.19	3.25	3.12
Gaston Col.	2.08	1.72	1.68	1.33	1.52	6.13	6.38	6.15	5.69	6.24	3.16	2.79	2.72	2.43	2.78
Guilford TCC	2.31	2.26	1.60	1.45	1.38	6.39	6.29	5.78	5.78	5.59	3.42	3.37	2.77	2.61	2.59
Halifax CC	1.88	1.70	1.56	1.32	1.27	5.50	4.29	4.02	3.23	3.13	2.86	2.49	2.34	2.06	1.97
Haywood CC	2.04	1.68	1.79	1.86	1.78	6.15	4.77	4.77	4.76	4.39	3.96	3.44	3.49	3.52	3.35
Isothermal CC	2.53	2.31	2.37	2.30	2.14	5.41	4.65	5.08	4.93	5.05	3.86	3.42	3.62	3.49	3.39
J. Sprunt CC	2.48	2.36	2.15	2.61	2.24	6.02	6.41	7.28	4.17	4.90	3.54	3.52	3.39	3.25	3.34
Johnston CC	1.44	1.46	1.29	1.19	1.14	5.01	5.19	5.17	5.13	5.13	2.58	2.64	2.55	2.42	2.34
Lenoir CC	2.55	1.80	2.21	2.06	1.66	5.52	3.63	4.80	5.33	3.61	3.33	2.32	3.00	2.93	2.22
Martin CC	3.08	2.17	1.91	2.26	2.12	5.35	5.72	6.89	8.08	7.69	4.44	4.02	4.51	5.27	4.96
Mayland CC	3.89	2.17	2.64	2.50	1.91	6.15	5.30	5.13	4.80	3.81	4.53	3.01	3.41	3.20	2.56
McDowell TCC	3.50	2.16	2.15	2.54	2.65	5.07	3.30	4.77	4.40	4.16	4.47	2.93	3.64	3.72	3.49
Mitchell CC	2.26	2.11	1.95	1.92	1.81	7.63	7.17	7.44	8.02	8.07	3.36	3.23	3.11	3.28	3.09
Montgomery CC	4.42	3.32	2.65	3.84	4.11	4.33	3.51	3.63	3.46	4.38	4.34	3.47	3.39	3.54	4.31
Nash CC	1.64	1.43	1.46	1.67	1.56	4.45	3.62	3.76	5.60	4.89	2.48	2.11	2.08	2.78	2.53
Pamlico CC	2.75	2.21	1.79	1.63	2.23	7.23	7.77	7.62	10.29	10.04	4.35	3.87	3.29	3.87	4.81
Piedmont CC	2.67	2.16	2.19	2.51	1.88	4.35	5.02	5.66	5.94	4.35	3.57	3.57	3.81	4.08	3.03
Pitt CC	1.41	1.01	1.14	1.16	1.21	3.73	3.75	5.41	5.41	5.54	2.17	1.82	2.19	2.21	2.26
Randolph CC	2.65	2.22	2.29	2.23	2.22	7.25	5.56	6.51	5.14	5.36	4.37	3.76	4.08	3.51	3.55
Richmond CC	1.55	1.55	1.36	1.40	1.60	5.01	5.55	5.53	5.53	5.81	2.64	2.72	2.47	2.52	2.80
Roanoke-Cho. CC	1.92	1.65	1.84	1.54	1.68	5.35	4.33	4.56	3.87	4.19	3.23	2.71	2.88	2.42	2.60
Robeson CC	1.84	1.59	1.24	1.59	1.59	4.11	3.70	4.04	3.95	4.45	2.75	2.46	2.20	2.56	2.67
Rockingham CC	2.23	1.97	1.62	1.57	1.61	6.19	5.93	4.72	5.25	4.55	3.60	3.24	2.70	2.75	2.59
Rowan-Cab. CC	1.81	1.53	1.48	1.56	1.65	6.13	4.79	4.98	5.81	5.00	3.05	2.35	2.31	2.50	2.48
Sampson CC	1.37	1.40	1.36	1.27	1.08	5.59	6.87	6.69	5.68	4.75	2.11	2.36	2.29	2.07	1.97
Sandhills CC	1.97	1.43	1.66	1.56	1.83	5.52	5.26	6.01	4.60	6.58	3.05	2.37	2.74	2.44	3.01
Southeastern CC	2.34	2.03	1.73	1.69	1.77	6.03	5.37	4.83	5.05	5.18	3.42	2.98	2.57	2.54	2.60
Southwestern CC	2.36	2.00	1.98	2.00	1.99	5.46	4.33	5.14	4.28	4.75	3.59	2.99	3.18	2.96	3.00
Stanly CC	1.87	1.63	1.46	1.17	1.42	4.61	4.85	4.19	4.30	4.30	2.99	2.97	2.62	2.24	2.53
Surry CC	1.68	1.46	0.97	1.14	1.11	2.87	2.57	2.78	2.70	2.80	2.21	1.96	1.65	1.82	1.81
Tri-County CC	2.26	2.91	2.42	2.21	2.39	5.04	6.45	7.21	8.28	6.53	3.10	4.00	3.94	3.83	3.77
Vance-Granv. CC	1.91	1.83	1.83	1.45	1.55	3.95	3.25	3.29	3.51	2.92	2.71	2.45	2.53	2.34	2.19
Wake TCC	1.36	1.31	1.31	1.31	1.35	2.89	2.80	2.95	2.95	3.21	1.84	1.77	1.80	1.80	1.87
Wayne CC	2.05	1.66	1.40	1.35	1.24	5.18	4.42	4.22	4.72	4.39	3.24	2.67	2.38	2.40	2.24
W. Piedmont CC	3.35	1.77	1.67	1.62	1.57	8.19	3.82	3.50	3.98	3.66	4.70	2.49	2.32	2.38	2.27
Wilkes CC	2.08	1.77	1.64	1.88	1.58	5.66	5.30	5.33	5.33	6.36	3.23	2.83	2.86	3.13	2.98
Wilson TCC	2.44	1.89	1.90	2.02	2.12	6.23	5.22	5.97	5.45	5.28	3.98	3.33	3.53	3.57	3.61
TOTAL	1.87	1.64	1.56	1.51	1.50	4.97	4.56	4.67	4.68	4.65	2.90	2.60	2.57	2.53	2.53

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Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Univ. I:	31.9	30.0	28.0	60.8	60.2	59.4	0.88	0.79	0.73
Doctoral Univ. I:*	30.5	30.5	30.5	60.8	60.8	60.8	0.95	0.95	0.95
Master's (Comp.) Univ/Coll I:	35.6	25.1	18.1	65.2	59.6	51.0	1.60	1.05	0.67
Bacc. (Lib. Arts) Univ/Coll I/II:	29.2	22.1	18.5	52.8	46.5	42.8	1.77	1.53	1.25
Sch. of Art/Music, and Design:*	16.2	16.2	16.2	61.4	61.4	61.4	2.04	2.04	2.04
Community Colleges:	34.0	20.2	8.0	64.8	52.6	36.4	4.42	1.87	1.08
PRIVATE INSTITUTIONS									
Major Research Universities:	16.7	16.0	15.5	58.9	55.8	51.4	1.73	1.71	1.69
Gen. Baccalaureate Colleges:	34.9	18.6	10.9	58.1	46.3	30.3	3.75	1.79	0.85
Junior Colleges:*	13.8	13.8	13.8	54.4	54.4	54.4	2.53	2.53	2.53
STATE RANGE	35.6	21.5	8.0	65.2	54.5	30.3	4.42	1.44	0.67
TYPICAL STANDARD		35.0			65.0			0.79	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	18.8	18.4	17.3	70.1	66.7	60.4	3.13	3.01	2.95
Doctoral Universities I:*	16.7	16.7	16.7	59.7	59.7	59.7	3.50	3.50	3.50
Master's (Comp) Univ/Coll I:	20.2	15.4	7.5	67.7	63.4	52.7	6.41	3.27	2.22
Bacc. (Lib. Arts) Univ/Coll I/II:	13.0	11.6	10.6	57.7	51.7	46.2	5.05	4.34	3.84
Sch. of Art/Music, and Design:*	15.0	15.0	15.0	74.5	74.5	74.5	4.53	4.53	4.53
Community Colleges:	31.7	17.9	9.4	73.4	54.5	31.3	10.13	4.97	2.87
PRIVATE INSTITUTIONS									
Major Research Universities:	4.5	4.4	4.1	58.4	54.1	52.2	12.27	9.51	8.20
Gen. Baccalaureate Colleges:	26.5	8.7	3.5	75.5	51.1	16.1	38.06	6.72	2.58
Junior Colleges:*	7.6	7.6	7.6	44.0	44.0	44.0	10.92	10.92	10.92
STATE RANGE	31.7	15.5	3.5	75.5	56.6	16.1	38.06	4.67	2.22
TYPICAL STANDARD		20.0			75.0			2.20-7.20	

*Only one institution in this category

TABLE 11:

SPACE STANDARDS

(University of North Carolina only)

Space standards previously published in this study were selected from the Higher Education Facilities Planning and Management Manuals published by the Western Interstate Commission for Higher Education. While these published criteria were considered a useful baseline for subsequent space standards development both at the national level* and by individual states and institutions, the evolution of room configurations and needs at today's institutions of higher education had clarified the need for updated space planning standards in selected categories of space. To this end, the University of North Carolina, in conjunction with higher education consultants (Eva Klein and Associates, Ltd.), in 1997-98 developed space planning standards to be used as an additional variable in the evaluation of capital project needs at the UNC campuses.

It should be noted that the criteria presented here are *planning* guidelines for current and future needs based on specific assumptions of program, enrollment, employment, and/or research growth during a given planning period. They are therefore neither *programming* nor *design* standards for use as either architectural or cost estimation guides. In addition, these standards do not attempt to address quality issues of space in terms of either facility condition or suitability for current and future needs. Differences in institutional missions, program diversity, or specific strategic plans were also not included as components of the development. As a result, these standards are not intended as exclusive or absolute indicators for determination of project needs. Given these limitations, the adopted criteria are used within various standard formulas to develop totals for predicted space for each campus. These figures are in turn used, in comparison with inventoried space statistics, to calculate hypothetical surplus/deficit assignable square footages in the selected categories.

Space planning standards were developed for the first four series of HEGIS Room Use Codes as defined in both the national and N.C. facilities classification manuals:

100 Series - Classroom Facilities - The standards apply only to the 110-Classroom Room Use Code. Room Use Code 115 (Classroom Service) is omitted in the calculations in accordance with typical comparative reporting practices in higher education.

*The most recent set of national space criteria was developed in 1985: Space Planning Guidelines, Council of Educational Facility Planners, International.

Space Standards

Table 11

200 Series - Laboratory Facilities - Two types of laboratory space were studied:

210 - Class Laboratory - This includes only those laboratories that are used for regularly scheduled instruction. Excluded are areas classified as 215-Class Laboratory Service, 220-Open Laboratory (irregularly scheduled), and 225-Open Laboratory Service.

250/255 - Research/Nonclass Laboratory (and Service) - Based again on typical industry reporting standards, this analysis also includes space classified as 255-Research/Nonclass Laboratory Service as an aggregate for calculations. Only 250/255 space further classified under the Program Codes for Research (codes 21 and 22) are used in the calculations.

300 - Office Facilities - Recommendations for office space standards aggregate inventoried square footages for the four Room Use Codes in the 300-series: 310-Office, 315-Office Service, 350-Conference Room, and 355-Conference Room Service. This is again in accordance with recently inventoried space standards for higher education systems and institutions throughout the country.

400 - Study Facilities - For study facilities, separate figures for predicted space are calculated for 410-Study Room, 420-Stack, 430-Open-Stack Study Room (using an assumption of an equal assignment of space to stack and study area within the formula), 440-Processing Room, and 455-Study Service. For surplus/deficit estimations, these figures are aggregated to study, stack, and service space and then subset under Program Code 41-Library Services for application to campus central libraries (i.e., excludes departmental libraries and study areas within residential and other buildings).

CLASSROOM (110) STANDARDS

Average Student Station Size *(See Table 16)*	**18 ASF**
Average Weekly Room Hours *(Also Room Utilization Rate - see Table 3)*	**35 hours/week**
Station Occupancy Ratio *(Also Percent Student Station Utilization - see Table 7)*	**65%**
Space Factor *(see Table 9)*	**0.79**

Space Standards

Table 11

CLASS (TEACHING) LABORATORY (210) STANDARDS

Space Factors are based on a Percent Student Station Utilization (Station Occupancy Ratio) of 75% and a Weekly Room Hour (Room Utilization Rate) standard of 20 hours.

Teaching Lab Category	Discipline	ASF Per Station	Space Factor
Highly Intensive	Engineering (including Textiles), Applied Design, Dance, Dramatic Arts.	108	7.2
Intensive	Agriculture, Architecture, Biological Sciences, Health Professions, Library Sciences, Physical Sciences.	70	4.67
Moderately Intensive	Communications, Computer/ Info Tech, Education, Art, Home Economics, Law, Psychology.	50	3.33
Non-Intensive	Business, Cinematograpy, Music, Language, Letters, Mathematics, Public Affairs, Social Sciences.	33	2.2

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS

For immediate implementation, a research space planning standard ASF allowance of 9,000 square feet per $1 million of organized research expenditures, averaged over five years, is recommended for application to only the two major research universities–UNC-Chapel Hill and N.C. State University. For all other UNC institutions, program considerations, and not planning standards, remain as the basis for justification for research space capital requests. A recommendation is in place to ultimately develop four categories of disciplines with corresponding ASF allowances per $1 million of averaged expenditures:

Space Standards

Table 11

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS (continued)

Research Lab Category	Discipline	ASF per SI M Averaged Organized Research Expenditures
Highly Intensive	Production Agriculture/ Animal, Crop, Poultry, Soil Sciences.	11,000
Intensive	Agricultural Sciences (other than Production Agriculture), Architecture and Related Programs, Conservation and Renewable Resources/Textiles, Forestry, Marine Sciences, Engineering, Health Professions, Physical Sciences.	9,000
Moderately Intensive	Biological Sciences, Home Economics, Psychology.	6,000
Non-Intensive	Applied Math/Statistics, Business, Communications, Education, Fine Arts, Languages, Law, Letters, Library Sciences, Public Affairs, Social Sciences.	4,000

OFFICE FACILITY (310/315, 350/355) STANDARDS

Office standards are based on an aggregation of all office facilities space (Office-310, Office Service-315, Conference Room-350, Conference Room Service-355). Deducted from this aggregation are areas classified under Program Codes 52, 72-76, and 91-92 (see pp. 108-109, and 113). Five standards of ASF allowance, based on personnel categories, were developed.

Administrative	275 ASF
Instructional and Professional	190 ASF
Technical and Clerical	140 ASF
Graduate Assistants	60 ASF
Student Employees	25 ASF

Space Standards

Table 11

STUDY FACILITY (410, 420, 430, 440, 455) STANDARDS
Central Libraries only (Program Code 41)

Study Space *(Includes 410-Study Room and 50% of 430-Open-Stack Study Room space)*	25 ASF per station for 20% of FTE students plus 8% of FTE faculty.
Stack Space (*Includes 420-Stack and 50% of 430-Open-Stack Study Room Space)*	0.08 ASF per volume
Service Space *(Includes 440-Processing Room and 455-Study Service space)*	15% of the combined predicted requirement for study and stack space.

TABLE 12:

ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of ½ FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of ½ FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The N.C. Community College System Office reports FTE based on its official "class membership" hour formula for calculation. Sixteen class membership hours per week for 16 weeks equate to one fall semester FTE. The total fall credit FTE is based on the total class membership hours per week times sixteen weeks divided by 256 (16 membership hours times 16 weeks).

For the community colleges, Table 12, for 1993-1996, lists only fall on-campus (inventoried space) credit enrollments. Noncredit enrollments are not included. Instruction which took place in facilities not on a community college's facilities inventory was not considered in determining the FTE enrollments listed. For 1997, the fall on-campus credit FTE is provided, but as a means of comparison, the total fall credit FTE (representing both on-campus and off-campus credit instruction) is listed for all colleges. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

In 1992, a projection study was completed by the National Center for Education Statistics (NCES) which presents an estimate map of higher education headcount enrollments at the national level for the years 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

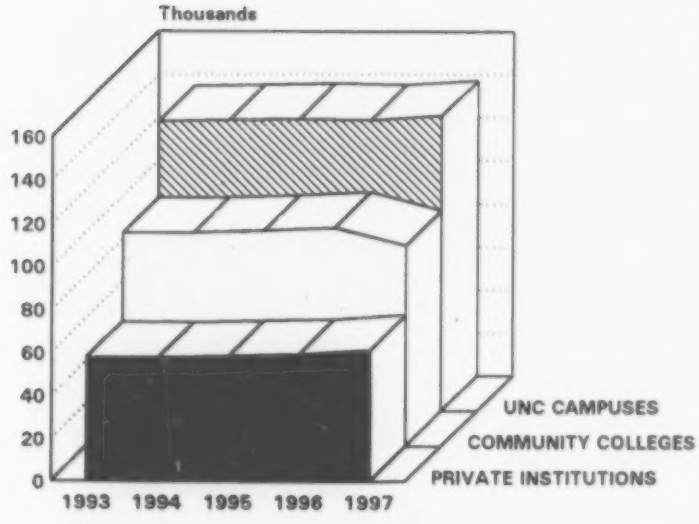
Enrollments in Public and Private Institutions

From 1978 to 1991, public institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

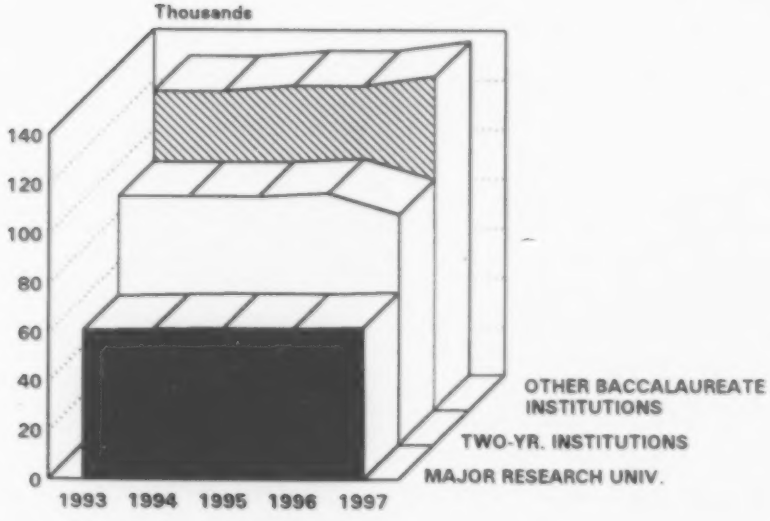
North Carolina institutions experienced a very slight headcount enrollment decrease (less than one-tenth of one percent) in 1997. Public institutions showed a 0.9 percent decrease while private enrollments showed a 2.6 percent increase. Enrollments for men and women decreased by less than one percent. North Carolina's 1997 part-time enrollment decreased by 4.9 % while the state's full-time enrollment increased by 1.6%.

*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



BY INSTITUTIONAL CONTROL



BY INSTITUTIONAL LEVEL

FTE Enrollments
Summary

Table 12

INSTITUTION	1997	1996	1995	1994	1993
Research Universities I:	44,677	44,066	44,515	44,448	43,980
Doctoral Universities I:	10,631	10,631	10,904	10,279	10,386
Master's (Comp.) Univ./Coll. I:	73,815	72,472	72,445	72,424	72,136
Baccal. (Lib. Arts) Univ./Coll. I and II:	7,053	6,894	6,988	7,096	7,022
Schools of Art, Music, and Design:	755	723	665	632	589
Community Colleges:	93,202	101,565	100,021	99,102	98,730
		PRIVATE INSTITUTIONS			
Major Research Universities:	17,291	17,138	16,920	16,558	16,427
Gen. Baccalaureate Colleges:	43,260	41,018	40,547	38,990	39,124
Junior Colleges:	448	471	514	484	568
GRAND TOTAL	291,132	294,978	293,519	291,056	290,105

FTE Enrollments
Institutional

Table 12

INSTITUTION	1997	1996	1995	1994	1993
Research Univ. I:					
NC State	22,928	22,348	22,461	22,440	22,182
NC State Vet.	298	293	284	283	281
UNC-Chapel Hill	18,078	18,016	18,365	18,336	18,135
UNC-Health Aff.	3,373	3,409	3,405	3,389	3,382
SUBTOTAL	44,677	44,066	44,515	44,448	43,980
Doctoral Univ. I:					
UNC-Greensboro	10,631	10,631	10,904	10,279	10,386
Master's (Comp.) Univ./Coll. I:					
Appalachian	11,610	11,371	11,428	11,274	11,100
East Carolina	15,116	14,443	14,414	14,878	15,114
ECU-Health Aff.	1,307	1,566	1,586	1,224	1,148
Fayetteville	3,414	3,435	3,428	3,498	3,484
NC A & T	6,870	6,928	7,227	7,365	7,245
NC Central	4,932	4,694	4,729	4,963	4,960
UNC-Charlotte	13,585	13,176	13,315	12,967	13,180
UNC-Pembroke	2,592	2,585	2,562	2,592	2,618
UNC-Wilmington	8,382	8,265	7,757	7,607	7,443
West'n Carolina	6,007	6,009	5,999	6,056	5,844
SUBTOTAL	73,815	72,472	72,445	72,424	72,136
Baccal. (Lib. Arts) Univ./Coll. I and II:					
Elizabeth City	1,829	1,826	1,890	2,010	2,052
UNC-Asheville	2,668	2,609	2,653	2,600	2,533
Winston-Salem	2,556	2,459	2,445	2,486	2,437
SUBTOTAL	7,053	6,894	6,988	7,096	7,022
Schools of Art, Music, and Design:					
NC Sch. of Arts	755	723	665	632	589

FTE Enrollments
Institutional

Table 12

INSTITUTION	1997*	1996	1995	1994	1993
Community Colleges:					
Alamance CC	1,910 (2,064)	2,156	2,229	2,212	2,192
Anson CC	478 (780)	525	562	554	366
Ashev'le-Bun. TCC	2,622 (2,896)	2,689	2,577	2,774	2,833
Beaufort Co. CC	1,010 (1,104)	1,029	1,072	1,029	964
Bladen CC	592 (718)	612	559	592	601
Blue Ridge CC	1,008 (1,038)	1,135	1,146	1,225	1,119
Brunswick CC	538 (620)	634	721	718	738
Caldwell CC & TI	1,842 (2,132)	1,840	1,454	1,306	1,506
Cape Fear CC	2,914 (3,198)	2,763	2,694	2,616	2,712
Carteret CC	968 (1,058)	990	1,107	1,120	1,091
Catawba Vy. CC	2,162 (2,390)	2,166	2,210	2,164	2,314
C. Carolina CC	1,592 (2,644)	2,208	1,770	1,665	1,755
C. Piedmont CC	6,810 (7,948)	7,943	8,620	8,960	9,534
Cleveland CC	1,118 (1,402)	1,202	983	958	882
Coastal Car. CC	2,354 (2,544)	2,560	2,726	2,725	2,816
Col. Albemarle	1,194 (1,594)	1,665	1,495	1,515	1,511
Craven CC	1,478 (1,668)	1,494	1,918	1,488	1,463
Davidson Co. CC	1,812 (1,878)	1,811	1,799	1,718	1,733
Durham TCC	2,616 (2,704)	2,634	2,821	2,847	2,769
Edgecombe CC	1,204 (1,430)	1,385	1,204	1,205	1,159
Fayettev'le TCC	4,296 (5,120)	4,997	4,861	4,812	4,743
Forsyth TCC	2,960 (2,974)	3,288	3,151	3,100	3,122
Gaston Col.	2,298 (2,480)	2,884	2,663	2,999	2,917
Guilford TCC	4,670 (4,836)	5,076	4,957	5,051	5,182
Halifax CC	976 (1,096)	1,054	1,124	1,058	1,118
Haywood CC	1,240 (1,242)	1,234	1,187	1,200	1,228
Isothermal CC	1,142 (1,184)	1,208	1,274	1,203	1,292
J. Sprunt CC	720 (882)	738	757	822	826
Johnston CC	1,444 (2,032)	1,595	1,689	1,816	1,754
Lenoir CC	1,408 (1,580)	1,699	1,712	1,655	1,613

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1997*		1996	1995	1994	1993
Community Colleges:						
Martin CC	554	(556)	644	616	628	622
Mayland CC	464	(524)	582	470	580	653
McDowell TCC	748	(840)	849	719	626	579
Mitchell CC	1,040	(1,150)	1,237	1,223	1,186	1,172
Montgomery CC	522	(548)	572	527	517	376
Nash CC	1,120	(1,248)	1,180	1,112	1,090	1,086
Pamlico CC	118	(118)	143	174	166	127
Piedmont CC	730	(1,102)	796	576	547	695
Pitt CC	2,726	(3,340)	2,811	2,769	2,765	1,808
Randolph CC	1,022	(1,076)	1,247	1,151	1,262	1,272
Richmond CC	836	(896)	887	914	960	872
Roanoke-Cho. CC	626	(632)	703	681	732	740
Robeson CC	1,254	(1,376)	1,344	1,294	1,235	1,210
Rockingham CC	1,386	(1,388)	1,489	1,539	1,597	1,613
Rowan-Cab. CC	2,216	(2,360)	2,450	2,416	1,423	1,497
Sampson CC	772	(832)	819	767	834	922
Sandhills CC	2,036	(2,190)	2,268	2,267	2,335	2,423
Southeastern CC	1,298	(1,476)	1,376	1,342	1,408	1,453
Southwestern CC	1,092	(1,336)	1,231	1,022	1,079	1,044
Stanly CC	950	(1,136)	1,073	1,026	933	933
Surry CC	2,076	(2,134)	2,141	2,039	1,911	1,902
Tri-County CC	614	(638)	569	541	590	529
Vance-Granv. CC	1,396	(2,126)	1,438	1,379	1,475	1,474
Wake TCC	4,452	(5,082)	4,250	4,330	4,218	3,994
Wayne CC	1,966	(2,148)	1,981	1,974	1,991	2,014
W. Piedmont CC	1,522	(1,650)	1,650	1,727	1,660	1,670
Wilkes CC	1,456	(1,524)	1,614	1,348	1,278	1,275
Wilson TCC	834	(1,004)	1,007	1,036	969	922
TOTAL	93,202	(105,666)	101,565	100,021	99,102	98,730

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1997	1996	1995	1994	1993
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	10,698	10,666	10,573	10,305	10,364
Duke Med. Ctr.	682	714	706	748	725
Wake Forest	5,459	5,309	5,204	5,059	4,842
Bowman Gray	452	449	437	446	496
SUBTOTAL	17,291	17,138	16,920	16,558	16,427
Gen. Baccalaureate Colleges:					
Barber Scotia	486	437	430	425	726
Barton	1,132	1,116	1,205	1,224	1,342
Belmont Abbey	816	792	712	786	792
Bennett	609	547	611	646	655
Brevard	678	624	630	638	707
Campbell	3,158	3,055	2,912	2,888	2,884
Catawba	1,269	1,133	1,069	1,002	952
Chowan	745	736	762	794	787
Davidson	1,623	1,613	1,615	1,608	1,602
Elon	3,534	3,424	3,287	3,269	3,078
Gardner-Webb	2,474	2,284	2,097	1,927	1,932
Greensboro	956	890	879	859	780
Guilford	1,299	1,300	1,369	1,457	1,533
High Point	2,534	2,394	2,337	2,261	2,245
Johnson C. Smith	1,308	1,385	1,356	1,351	1,353
Lees-McRae	426	439	467	497	637
Lenoir-Rhyne	1,471	1,437	1,436	1,286	1,306
Livingstone	888	706	731	816	673

FTE Enrollments
Institutional

Table 12

INSTITUTION	1997	1996	1995	1994	1993
Gen. Baccalaureate (Continued)					
Mars Hill	1,137	1,188	1,162	1,188	1,184
Meredith	2,163	2,137	2,101	2,021	2,025
Methodist	1,544	1,579	1,685	1,713	1,533
Montreat**	897	361	353	306	325
Mt. Olive	949	801	700	602	590
N.C. Wesleyan	769	714	672	716	752
Peace	490	447	409	405	436
Pfeiffer	1,428	1,213	970	850	819
Piedmont Bible	252	223	237	261	262
Queens	1,237	1,168	1,174	1,122	1,120
St. Andrews Presby.	467	545	587	599	611
St. Augustine's	1,589	1,530	1,481	1,562	1,679
Salem	825	745	759	721	666
Shaw	2,228	2,191	2,418	2,350	2,433
Warren Wilson	726	682	672	609	537
Wingate	1,153	1,182	1,262	1,274	1,311
SUBTOTAL	43,260	41,018	40,547	40,033	40,267
Junior Colleges:					
Louisburg	448	471	514	484	568
SUBTOTAL	448	471	514	484	568
TOTAL	60,999	58,267	57,981	57,075	57,262

**Montreat's increase in FTE as of fall 1997 reflects instructional activity in inventoried space which is leased in Asheville and Charlotte.

McColl Building, University of North Carolina at Chapel Hill

The 191,234-square-foot McColl Building was dedicated in the fall of 1997 as the new home of the Kenan-Flagler Business School at UNC Chapel Hill. Nearly two-thirds of the $44 million building's cost was borne by private donors. The state-of-the-art facility was designed not only to consolidate the business school into one building, but also to accommodate program growth and technology advances in the future.

The building houses more than one million feet of audio, video, data and power cable, and 2,500 high-tech connections that let faculty, students, and staff instantly access each other and the world. The facility's Maurice C. Kogen Auditorium, Jefferson-Pilot Seminar Room, and 25 classrooms are all equipped with the most modern communications networks and advanced multimedia capabilities. These features allow professors to bring the world into their classrooms and Kenan-Flagler to reach out across the globe.

Interior Space Characteristics

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TABLE 13:

NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its building service, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), N.C. State University (954,004 sq. ft.), UNC at Chapel Hill-Health Affairs (1,033,155 sq. ft.), UNC at Chapel Hill-Academic Affairs (186,450 sq. ft.), UNC at Charlotte (782,950), UNC at Greensboro (516,974). There are nine parking decks at the private major research universities, representing a total gross area of 4,145,509 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. UNC-Asheville's dining hall also houses 38,654 gross square feet of parking deck space. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (66.1%), N.C. State University (66.8%), UNC at Chapel Hill-Health Affairs (57.6%), UNC at Chapel Hill Academic Affairs (66.2%), UNC at Charlotte (65.5%), UNC at Greensboro (63.5%), private major research universities (64.1%), Appalachian State University (67.6%), UNC at Asheville (67.1%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $100 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .62. This means that new construction costs are approximately $161 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$100}{.62} = \$161$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $161 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1997	1996	1995	1994	1993
Research Universities I:							
NC State*	10,196,124	6,177,076	60.6	62.6	62.7	59.2	58.7
NC State Vet.	409,732	267,531	65.3	64.6	64.6	60.2	59.9
UNC-Chapel Hill*	7,870,767	5,008,065	63.6	64.2	65.7	65.8	66.0
UNC-Health Aff.*	3,847,805	1,620,861	42.1	42.2	41.9	41.6	41.2
SUBTOTAL	22,324,428	13,073,533	58.6	59.6	60.2	58.6	58.3
Doctoral Universities I:							
UNC-Greensboro*	3,581,796	1,947,204	54.4	58.0	57.8	57.9	63.7
Master's (Comprehensive) Universities and Colleges I:							
Appalachian*	3,160,654	2,133,104	67.5	67.5	69.6	68.8	68.7
East Carolina	3,441,978	2,413,118	70.1	70.1	70.4	70.6	71.2
ECU-Health Aff.	853,365	563,788	66.1	66.0	65.2	64.9	67.3
Fayetteville	1,053,131	692,189	65.7	65.7	65.7	66.3	65.6
NC A & T	2,268,794	1,579,667	69.6	69.8	69.5	69.5	69.5
NC Central	1,541,557	1,012,760	65.7	65.4	65.4	65.5	65.5
UNC-Charlotte*	3,725,414	1,927,914	51.8	55.5	55.8	55.6	55.6
UNC-Pembroke	758,397	514,263	67.8	68.0	68.0	69.0	69.0
UNC-Wilmington	1,605,925	1,085,258	67.6	67.6	68.4	68.4	69.3
West'n Carolina	2,355,330	1,593,013	67.6	67.9	68.2	68.3	68.1
SUBTOTAL	20,764,545	13,515,074	65.1	66.0	66.5	66.5	66.6
Baccalaureate (Liberal Arts) Universities and Colleges I and II:							
Elizabeth City	842,917	588,636	69.8	69.9	69.9	69.9	69.9
UNC-Asheville*	911,167	585,321	64.2	62.8	62.7	66.0	66.4
Winston-Salem	1,080,734	687,942	63.7	65.4	66.3	66.7	66.8
SUBTOTAL	2,834,818	1,861,899	65.7	66.0	66.3	67.5	68.0

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1997	1996	1995	1994	1993
Schools of Art, Music, and Design:							
NC Sch. of Arts	672,468	456,565	67.9	68.1	67.5	67.5	67.5
Teaching Hospitals:							
UNC Hosp. at C.H.	1,544,992	876,156	56.7	57.0	57.1	57.5	56.9
Community Colleges:							
SUBTOTAL*	15,406,963	10,542,213	68.4	68.5	68.8	68.7	68.8
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	18,792,649	9,393,139	50.0	50.0	51.6	54.5	56.9
Gen. Baccalaureate Colleges:							
SUBTOTAL	18,241,624	12,904,030	70.7	70.8	70.8	70.8	70.9
Junior Colleges:							
SUBTOTAL	433,919	294,493	67.9	67.6	67.6	70.4	70.4
GRAND TOTAL	104,598,202	64,864,306	62.0	62.6	63.2	63.7	64.4

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1997	1996	1995	1994	1993
Community Colleges:							
Alamance CC	262,614	177,920	67.7	68.1	69.6	69.5	68.9
Anson CC	54,875	39,793	72.5	72.5	73.0	73.0	72.9
Ashev'le-Bun. TCC	492,002	331,175	67.3	67.3	66.9	66.9	67.1
Beaufort Co. CC	178,373	130,943	73.4	73.7	74.4	74.4	74.7
Bladen CC	128,417	98,838	77.0	76.7	76.6	76.6	76.6
Blue Ridge CC	337,995	258,567	76.5	78.6	78.1	78.1	78.6
Brunswick CC	167,069	115,310	69.0	69.0	69.0	69.0	68.8
Caldwell CC & TI	297,118	221,401	74.5	74.6	74.6	74.6	75.9
Cape Fear CC	271,117	182,508	67.3	67.0	66.9	66.7	66.7
Carteret CC	161,023	118,991	73.9	76.3	76.2	76.3	76.9
Catawba Vy. CC	307,892	227,426	73.9	73.9	73.9	73.9	73.7
C. Carolina CC	309,801	220,690	71.2	71.9	72.7	72.7	73.0
C. Piedmont CC*	1,470,756	605,573	41.2	40.9	40.3	39.4	39.5
Cleveland CC	193,201	136,791	70.8	70.8	70.7	70.7	70.7
Coastal Car. CC	277,026	194,926	70.4	70.5	72.0	72.3	72.3
Col. Albemarle	205,280	135,500	66.0	65.2	65.3	65.3	65.3
Craven CC	156,586	109,430	69.9	69.9	69.8	69.7	69.4
Davidson Co. CC	339,729	230,116	67.7	67.6	67.6	67.8	70.2
Durham TCC	289,757	202,538	69.9	70.3	70.3	70.2	70.3
Edgecombe CC	184,044	125,829	68.4	68.5	69.1	69.1	69.4
Fayettev'le TCC	563,900	398,548	70.7	71.4	71.3	71.5	71.9
Forsyth TCC	520,374	362,902	69.7	70.1	70.1	70.4	70.7
Gaston Col.	376,108	261,132	69.4	69.3	71.7	71.4	69.4
Guilford TCC	755,101	530,727	70.3	70.1	71.8	71.8	72.7
Halifax CC	175,421	125,122	71.3	71.2	72.2	73.1	73.1
Haywood CC	293,994	226,984	77.2	76.0	76.0	76.2	76.2
Isothermal CC	220,057	169,036	76.8	76.8	76.8	76.8	76.8
J. Sprunt CC	121,297	90,467	74.6	74.6	74.4	74.5	73.2
Johnston CC	214,227	160,671	75.0	75.0	75.7	74.4	74.4
Lenoir CC	290,640	214,808	73.9	76.8	76.6	76.6	75.7

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1997	1996	1995	1994	1993
Community Colleges:							
Martin CC	229,431	175,925	76.7	77.3	76.2	76.2	76.2
Mayland CC	111,893	79,933	71.4	73.1	73.1	73.3	72.0
McDowell TCC	116,814	85,160	72.9	75.4	75.5	75.5	75.5
Mitchell CC	256,123	184,101	71.9	71.8	72.4	72.4	72.4
Montgomery CC	76,348	54,408	71.3	71.4	71.0	71.0	71.3
Nash CC	157,799	109,223	69.2	69.2	69.1	69.1	69.1
Pamlico CC	40,198	28,395	70.6	70.6	70.6	71.1	71.1
Piedmont CC	128,750	106,603	82.8	84.9	84.9	84.2	84.2
Pitt CC	274,561	189,702	69.1	70.8	70.8	70.8	70.8
Randolph CC	249,564	184,811	74.1	75.2	75.2	76.2	76.2
Richmond CC	156,639	112,109	71.6	71.6	71.6	71.7	71.7
Roanoke-Cho. CC	135,921	99,803	73.4	73.5	73.5	73.5	73.5
Robeson CC	188,638	140,387	74.4	74.4	74.4	74.4	74.4
Rockingham CC	311,927	221,004	70.9	70.8	71.8	71.8	71.3
Rowan-Cab. CC	272,715	211,261	77.5	73.6	73.7	73.7	73.7
Sampson CC	117,646	87,686	74.5	74.5	74.5	74.4	74.4
Sandhills CC	273,889	198,355	72.4	72.6	72.6	72.6	72.6
Southeastern CC	179,709	131,403	73.1	73.2	73.6	74.4	74.8
Southwestern CC	222,203	164,087	73.8	74.0	74.0	74.0	73.4
Stanly CC	144,329	103,640	71.8	75.4	75.4	74.9	74.8
Surry CC	247,238	173,437	70.1	70.1	73.3	73.3	73.3
Tri-County CC	103,973	82,943	79.8	79.8	79.8	79.8	79.8
Vance-Granv. CC	234,138	154,477	66.0	66.0	66.1	66.2	66.2
Wake TCC	532,039	349,426	65.7	68.7	68.5	68.5	68.7
Wayne CC	336,428	214,270	63.7	63.7	66.0	65.7	65.5
W. Piedmont CC	234,143	158,163	67.5	67.0	67.0	67.0	67.1
Wilkes CC	279,683	209,760	75.0	75.0	75.1	75.4	74.7
Wilson TCC	178,430	127,079	71.2	71.8	71.8	71.7	71.8
TOTAL	15,406,963	10,542,213	68.4	68.5	68.8	68.7	68.8

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 **Instruction Program**. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 **Research Program.** Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 **Public Service**. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 **Academic Support Program**. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 **Student Service Program**. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 **Institutional Administration Program**. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

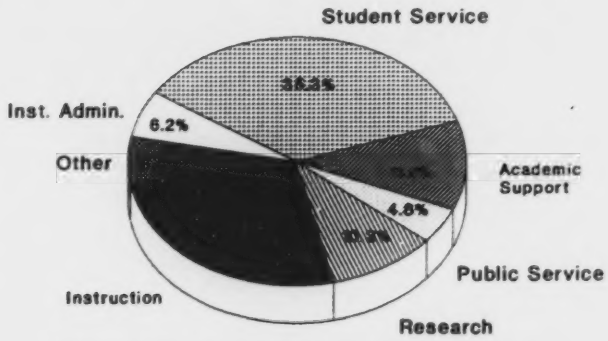
70 **Physical Plant Operations Program**. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 **Student Financial Support Program**. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

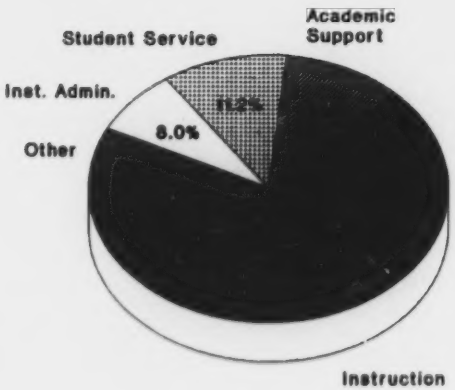
90 **Independent Operations Program**. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 **Unassigned**. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

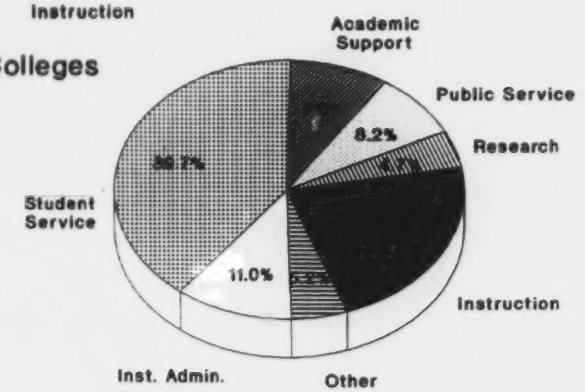
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	6,177,076	21.4	30.7	4.2	7.3	26.1	4.9	1.3	-	2.4	1.7
NC State Vet.	267,531	35.8	29.6	20.6	9.1	2.6	0.6	1.8	-	-	-
UNC-Chapel Hill	5,008,065	20.8	4.7	1.6	18.4	37.9	6.9	2.3	-	3.9	3.6
UNC-Health Aff.	1,620,861	23.8	29.4	9.9	21.0	0.6	0.3	0.3	-	7.8	6.8
SUBTOTAL	13,073,533	21.7	20.5	4.2	13.3	27.0	5.0	1.6	-	3.6	3.0
Doctoral Universities I:											
UNC-Greensboro	1,947,204	24.7	4.1	0.1	13.6	44.8	7.1	2.3	-	-	3.4
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	2,133,104	31.1	0.2	0.7	8.0	52.8	4.8	2.1	-	0.1	0.1
East Carolina	2,413,118	29.3	2.0	0.7	8.7	48.7	5.4	2.0	-	1.9	1.3
ECU-Health Aff.	563,788	17.9	25.7	28.9	15.8	0.3	8.7	1.8	-	-	1.0
Fayetteville	692,189	33.4	0.9	0.3	12.8	38.1	7.3	2.0	-	-	5.2
NC A & T	1,579,667	31.0	9.8	1.0	15.0	33.3	5.4	1.2	-	0.7	2.6
NC Central	1,012,760	33.5	1.0	0.6	13.7	41.9	7.5	0.8	-	0.1	0.9
UNC-Charlotte	1,927,914	31.3	4.0	-	6.8	50.9	4.6	0.8	-	-	1.6
UNC-Pembroke	514,263	37.3	-	0.4	11.1	38.9	10.0	1.8	-	-	0.5
UNC-Wilmington	1,085,258	28.0	2.2	0.1	13.7	45.4	8.4	1.3	-	0.6	0.2
West'n Carolina	1,593,013	26.0	0.9	0.4	10.5	44.9	9.2	1.2	-	3.6	3.3
SUBTOTAL	13,515,074	29.5	3.6	1.7	10.6	43.7	6.5	1.5	-	0.9	1.6
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	588,636	33.0	-	3.3	7.8	45.5	9.2	1.2	-	-	<0.1
UNC-Asheville	585,321	36.8	0.4	1.2	16.0	36.5	4.8	1.7	-	1.4	1.2
Winston-Salem	687,942	26.7	0.4	0.7	12.3	41.6	9.2	1.4	-	0.5	7.3
SUBTOTAL	1,861,899	31.9	0.3	1.7	12.0	41.2	7.8	1.5	-	0.6	3.1
Schools of Art, Music, and Design:											
NC Sch. of Arts	456,565	48.3	-	5.5	6.0	29.9	4.8	0.5	-	0.5	4.6
Teaching Hospitals:											
UNC Hosp. at C. Hill	876,156	0.9	0.7	77.5	-	-	13.8	2.6	-	-	4.4
Community Colleges:											
SUBTOTAL	10,542,213	64.2	-	1.5	10.6	11.2	8.0	2.1	-	0.9	1.5
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	9,393,139	17.6	11.2	19.5	11.1	26.5	7.9	2.6	-	1.9	1.6
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,904,030	25.7	0.1	0.1	7.4	48.9	13.5	1.8	-	0.6	2.0
Junior Colleges:											
SUBTOTAL	294,493	17.2	-	0.3	7.0	57.4	6.1	1.5	-	-	10.5
GRAND TOTAL	64,864,306	30.8	6.7	5.4	10.5	32.9	8.2	1.9	-	1.5	2.2

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Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	177,920	75.5	-	1.2	8.9	5.9	5.9	2.4	-	0.1	<0.1
Anson CC	39,793	60.0	-	1.0	15.6	12.6	6.8	4.1	-	-	-
Ashev'le-Bun. TCC	331,175	70.2	-	0.1	12.3	6.4	7.0	0.8	-	1.8	1.5
Beaufort Co. CC	130,943	60.8	-	1.0	8.7	13.7	10.7	4.3	-	-	0.8
Bladen CC	98,838	53.3	-	0.4	8.1	16.2	12.5	3.9	-	1.1	4.5
Blue Ridge CC	258,567	68.4	-	1.7	8.1	7.2	4.8	2.5	-	3.1	4.2
Brunswick CC	115,310	44.4	-	16.7	7.3	9.4	7.1	2.8	-	7.4	4.9
Caldwell CC & TI	221,401	57.4	-	-	8.9	22.4	6.0	5.2	-	-	<0.1
Cape Fear CC	182,508	64.7	-	0.2	9.4	7.0	7.3	0.1	-	0.1	11.3
Carteret CC	118,991	56.0	-	-	11.3	10.4	19.3	0.2	-	1.3	1.5
Catawba Vy. CC	227,426	72.2	-	-	10.8	7.3	9.1	-	-	0.2	0.5
C. Carolina CC	220,690	69.4	-	0.7	7.6	9.9	3.4	0.1	-	8.3	0.6
C. Piedmont CC	605,573	67.6	-	<0.1	11.9	9.9	8.5	1.6	-	-	0.5
Cleveland CC	136,791	66.9	-	2.8	11.0	8.9	8.3	1.7	-	0.1	0.3
Coastal Car. CC	194,926	70.7	-	0.1	12.2	8.6	5.4	2.3	-	-	0.7
Col. Albemarle	135,500	56.6	-	13.6	10.8	9.3	8.6	1.2	-	-	-
Craven CC	109,430	74.7	-	0.1	12.9	7.6	4.8	-	-	-	-
Davidson Co. CC	230,116	65.4	-	2.1	14.1	6.4	9.3	1.3	-	1.3	-
Durham TCC	202,538	64.3	-	<0.1	11.2	6.3	14.1	1.9	-	1.9	0.2
Edgecombe CC	125,829	61.8	-	-	10.4	11.6	9.2	2.3	-	-	4.6
Fayettev'le TCC	398,548	65.7	-	3.8	8.4	11.3	7.8	2.6	-	-	0.4
Forsyth TCC	362,902	70.2	-	0.5	10.1	9.5	7.3	2.3	-	0.1	-
Gaston Col.	261,132	62.0	-	3.5	16.5	10.2	7.0	0.8	-	-	-
Guilford TCC	530,727	67.4	-	3.0	7.4	8.4	9.9	1.7	-	<0.1	2.2
Halifax CC	125,122	60.8	-	2.4	10.7	10.4	12.4	2.2	-	-	1.1
Haywood CC	226,984	64.2	-	0.5	6.3	14.2	4.9	3.4	-	1.2	5.4
Isothermal CC	169,036	75.2	-	0.6	7.1	8.1	6.7	2.4	-	-	-
J. Sprunt CC	90,467	64.6	-	0.7	5.4	13.4	8.7	6.9	-	0.2	-
Johnston CC	160,671	58.2	-	0.8	8.3	16.9	7.0	8.0	-	0.1	0.7
Lenoir CC	214,808	64.5	-	1.0	13.2	9.0	8.6	1.1	-	2.6	-
Martin CC	175,925	40.4	-	0.2	7.2	34.4	3.0	2.7	-	-	12.0
Mayland CC	79,933	52.4	-	2.5	19.7	13.0	8.8	1.9	-	-	1.6
McDowell TCC	85,160	65.8	-	-	8.0	9.6	10.3	3.3	-	0.3	2.7
Mitchell CC	184,101	57.9	-	-	9.8	18.4	9.4	2.4	-	0.1	2.0
Montgomery CC	54,408	66.9	-	0.2	10.3	9.1	9.8	2.5	-	0.1	0.9
Nash CC	109,223	69.2	-	0.5	11.6	5.2	12.0	1.6	-	-	-
Pamlico CC	28,395	57.6	-	0.7	17.9	9.9	9.9	4.1	-	-	-
Piedmont CC	106,603	58.7	-	11.7	9.1	6.8	9.6	2.9	-	1.1	-
Pitt CC	189,702	72.0	-	0.9	14.4	4.6	5.8	1.4	-	-	0.9
Randolph CC	184,811	71.6	-	0.1	9.2	9.5	8.9	0.4	-	0.2	0.2
Richmond CC	112,109	60.2	-	0.6	13.6	10.4	12.7	2.5	-	-	-
Roanoke-Cho. CC	99,803	46.8	-	2.9	9.2	9.4	5.8	4.2	-	18.1	3.6
Robeson CC	140,387	58.6	-	0.1	10.5	19.1	10.4	1.3	-	-	-
Rockingham CC	221,004	67.9	-	1.8	11.1	9.8	7.9	0.8	-	0.2	0.5
Rowan-Cab. CC	211,261	70.8	-	0.3	10.4	8.5	4.6	1.0	-	-	4.4
Sampson CC	87,686	58.4	-	-	12.6	13.2	12.1	0.2	-	-	3.6
Sandhills CC	198,355	59.2	-	0.1	12.9	17.7	7.3	2.8	-	<0.1	-
Southeastern CC	131,403	65.1	-	1.6	11.5	12.0	8.7	0.9	-	-	0.1
Southwestern CC	164,087	55.7	-	2.1	9.0	20.2	8.5	2.1	-	2.5	-
Stanly CC	103,640	62.7	-	<0.1	11.2	11.8	9.6	0.8	-	-	3.9
Surry CC	173,437	69.4	-	-	8.4	9.8	6.5	1.8	-	0.6	3.6
Tri-County CC	82,943	66.2	-	-	8.6	12.1	13.1	-	-	-	-
Vance-Granv. CC	154,477	63.1	-	9.2	11.0	6.2	9.7	0.6	-	0.1	0.1
Wake TCC	349,426	54.6	-	-	15.1	16.2	7.7	2.5	-	-	4.0
Wayne CC	214,270	67.6	-	0.5	12.7	9.0	4.7	5.5	-	-	-
W. Piedmont CC	158,163	66.0	-	<0.1	12.9	10.3	7.5	3.3	-	-	-
Wilkes CC	209,760	54.4	-	<0.1	10.3	22.0	5.6	4.0	-	3.7	-
Wilson TCC	127,079	66.1	-	1.6	12.8	9.6	7.8	2.1	-	-	-
TOTAL	10,542,213	64.2	-	1.5	10.6	11.2	8.0	2.1	-	0.9	1.5

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TABLE 14a:

INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 **General Academic Instruction**. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 **Vocational/Technical Instruction**. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 **Requisite Preparatory/Remedial Instruction**. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 **General Studies**. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 **Occupational-Related Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 **Social Roles/Interaction Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 **Home and Family Life Instruction**. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 **Personal Interest and Leisure Instruction**. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 **Institutes and Research Centers**. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 **Individual or Project Research**. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 **Direct Patient Care**. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 **Health Care Supportive Services**. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 **Community Services**. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 **Cooperative Extension Services.** This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 **Public Broadcasting Services**. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	21.4	-	-	-	<0.1	-	-	-
NC State Vet.	35.8	-	-	-	-	-	-	-
UNC-Chapel Hill	19.8	-	0.1	0.3	0.6	-	-	-
UNC-Health Aff.	23.4	-	-	<0.1	0.4	-	-	-
SUBTOTAL	21.3	-	0.1	0.1	0.3	-	-	-
Doctoral Universities I:								
UNC-Greensboro	24.5	-	0.2	-	-	-	-	-
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	27.8	-	-	3.3	-	-	-	-
East Carolina	29.3	-	<0.1	-	-	-	-	-
ECU-Health Aff.	17.9	-	-	-	-	-	-	-
Fayetteville	32.9	-	-	0.6	-	-	-	-
NC A & T	31.0	-	-	-	-	-	-	-
NC Central	33.4	-	0.1	-	-	-	-	-
UNC-Charlotte	31.3	-	-	-	-	-	-	-
UNC-Pembroke	36.9	-	0.4	-	-	-	-	-
UNC-Wilmington	27.6	-	-	-	0.5	-	-	-
West'n Carolina	25.4	-	<0.1	0.1	0.1	0.1	-	0.3
SUBTOTAL	29.3	-	<0.1	0.6	<0.1	<0.1	-	<0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	32.2	-	0.8	-	-	-	-	-
UNC-Asheville	36.8	-	-	-	-	-	-	-
Winston-Salem	25.5	-	1.2	-	-	-	-	-
SUBTOTAL	31.2	-	0.7	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
4.3	26.4	-	-	1.5	2.6	0.1	NC State
-	29.6	9.9	10.7	-	-	-	NC State Vet.
0.2	4.5	-	-	1.4	-	0.1	UNC-Chapel Hill
3.5	25.9	3.3	6.4	0.1	0.1	-	UNC-Health Aff.
2.5	18.0	0.6	1.0	1.3	1.2	0.1	SUBTOTAL
							Doctoral Univ. I:
0.4	3.6	-	-	0.1	-	-	UNC-Greensboro
							Master's (Comp.) Univ./Colleges I:
-	0.2	-	-	0.7	-	-	Appalachian
0.3	1.8	-	<0.1	0.6	-	0.1	East Carolina
-	25.7	10.6	17.1	1.2	-	-	ECU-Health Aff.
-	0.9	-	-	0.3	-	<0.1	Fayetteville
3.3	6.5	-	-	0.4	0.5	0.1	NC A & T
0.3	0.7	-	-	0.5	-	0.1	NC Central
0.6	3.4	-	-	-	-	-	UNC-Charlotte
-	-	-	-	0.4	-	<0.1	UNC-Pembroke
1.1	1.1	-	-	0.1	-	-	UNC-Wilmington
-	0.9	-	-	0.4	-	<0.1	West'n Carolina
0.6	3.0	0.4	0.7	0.4	0.1	<0.1	SUBTOTAL
							Bacc. (Lib. Arts) Univ./Coll. I&II:
-	-	-	-	2.7	-	0.5	Elizabeth City
0.1	0.3	-	-	1.2	-	-	UNC-Asheville
-	0.4	-	-	0.7	-	<0.1	Winston-Salem
<0.1	0.2	-	-	1.5	-	0.2	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Schools of Art, Music, and Design:								
NC Sch. of Arts	48.3	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	0.4	-	-	-	0.5	-	-	-
Community Colleges:								
SUBTOTAL	8.5	47.5	0.9	3.5	3.0	<0.1	0.2	0.6
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	17.6	-	<0.1	<0.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	25.5	-	0.1	<0.1	<0.1	-	-	-
Junior Colleges:								
SUBTOTAL	17.2	-	-	-	-	-	-	-
GRAND TOTAL	21.4	7.7	0.2	0.7	0.6	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad. Svc. 35	INSTITUTION
							Sch. of Art, Music and Design:
-	-	-	-	5.5	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	0.7	27.8	49.7	-	-	-	UNC Hosp. at C.H.
							Community Colleges:
-	-	-	-	1.5	<0.1	<0.1	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	11.2	8.5	11.0	<0.1	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
<0.1	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.3	-	-	SUBTOTAL
0.7	6.0	1.8	2.6	0.7	0.3	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	11.5	49.9	0.4	1.6	12.2	-	-	-	1.2
Anson CC	7.2	44.7	0.2	7.4	0.5	-	-	-	1.0
Ashev'le-Bun. TCC	0.1	59.4	-	1.6	7.7	-	-	1.4	0.1
Beaufort Co. CC	-	52.9	-	1.5	6.3	-	-	-	1.0
Bladen CC	4.2	43.6	-	0.9	4.0	-	0.6	-	0.4
Blue Ridge CC	10.1	53.7	1.0	1.8	1.0	0.3	-	0.4	1.7
Brunswick CC	-	30.4	-	8.4	4.7	-	-	0.8	16.7
Caldwell CC & TI	12.3	42.3	1.0	0.8	1.0	-	-	-	-
Cape Fear CC	2.0	55.5	0.8	2.3	4.1	-	-	-	0.2
Carteret CC	0.1	51.8	0.1	1.6	0.1	-	-	2.3	-
Catawba Vy. CC	1.9	59.3	1.9	0.8	6.7	-	-	1.6	-
C. Carolina CC	3.6	60.8	2.3	0.9	1.8	-	-	-	0.7
C. Piedmont CC	14.7	45.7	3.0	2.8	1.3	<0.1	-	-	<0.1
Cleveland CC	9.7	47.2	1.0	4.9	0.9	-	3.3	-	2.8
Coastal Car. CC	18.0	38.5	1.0	2.0	11.2	-	-	-	0.1
Col. Albemarle	13.9	34.8	0.6	7.3	-	-	-	-	13.6
Craven CC**	6.6	61.9	0.3	5.8	-	-	-	-	-
Davidson Co. CC	15.1	41.0	3.2	1.8	4.3	-	-	-	2.1
Durham TCC	0.7	58.2	-	4.6	0.8	-	-	-	<0.1
Edgecombe CC	2.5	54.0	-	3.9	1.4	-	-	-	-
Fayettev'le TCC	-	49.5	0.2	11.0	3.8	-	1.1	0.1	3.8
Forsyth TCC	4.8	52.5	1.6	4.3	3.3	-	0.3	3.5	0.5
Gaston Col.	14.8	44.2	2.4	0.3	0.4	-	-	-	3.5
Guilford TCC*	3.2	53.8	1.3	4.8	2.6	-	-	1.7	3.0
Halifax CC	18.1	35.5	1.8	2.2	1.2	0.3	-	1.6	2.4
Haywood CC	-	55.2	0.4	2.0	1.5	-	1.9	3.2	0.5
Isothermal CC**	29.2	39.0	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.1	56.1	-	4.1	1.4	-	-	-	0.7
Johnston CC	-	58.2	-	-	-	-	-	-	0.8
Lenoir CC*	19.3	28.1	1.7	9.8	1.2	-	0.4	3.8	1.0

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Pitt CC - 0.9, Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	6.6	28.9	0.5	2.1	2.4	-	-	-	0.2
Mayland CC	7.1	42.9	0.2	2.2	<0.1	-	-	-	2.5
McDowell TCC	1.5	57.7	2.2	3.9	0.6	-	-	-	-
Mitchell CC	22.9	18.9	-	13.2	2.3	-	-	0.5	-
Montgomery CC	-	66.5	-	0.4	-	-	-	-	0.2
Nash CC	2.4	51.8	-	2.2	10.6	0.9	-	1.2	0.5
Pamlico CC	3.3	37.4	-	3.4	13.3	-	-	-	0.7
Piedmont CC	-	49.9	0.5	5.6	2.6	-	-	-	11.7
Pitt CC*	7.6	56.5	0.2	3.6	4.2	-	-	-	-
Randolph CC	-	63.5	0.7	1.4	6.0	-	-	-	0.1
Richmond CC	-	50.5	-	9.0	0.5	0.3	-	-	0.6
Roanoke-Cho. CC	-	38.7	0.1	2.7	2.3	0.6	-	2.3	2.9
Robeson CC	0.5	54.0	-	2.2	1.9	-	-	-	0.1
Rockingham CC	27.0	34.8	-	1.0	5.0	-	-	-	1.8
Rowan-Cab. CC	1.7	65.2	-	2.2	1.7	-	-	-	0.3
Sampson CC	-	48.7	2.0	4.5	0.7	-	2.5	0.2	-
Sandhills CC	23.9	30.6	0.9	0.3	3.5	-	-	-	0.1
Southeastern CC	16.5	44.4	1.1	3.1	-	-	-	-	1.6
Southwestern CC	0.4	44.9	0.6	3.0	4.9	-	-	1.7	2.1
Stanly CC	-	55.6	3.3	-	3.8	-	-	-	<0.1
Surry CC	26.0	36.9	1.1	-	5.4	-	-	-	-
Tri-County CC	4.4	56.0	-	4.7	-	-	0.9	0.2	-
Vance-Granv. CC	14.3	40.9	0.5	4.5	2.7	-	-	0.2	9.2
Wake TCC	1.9	44.2	-	6.7	1.7	-	-	-	-
Wayne CC	6.7	54.1	-	6.1	0.7	-	-	-	0.5
W. Piedmont CC	38.4	22.8	-	2.9	2.0	-	-	-	<0.1
Wilkes CC	17.8	34.2	-	0.4	1.9	-	-	-	<0.1
Wilson TCC	1.2	54.2	3.7	1.7	5.3	-	-	-	1.6
TOTAL	8.5	47.5	0.9	3.5	3.0	<0.1	0.2	0.6	1.5

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Subtotal - <0.1

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 **Library Services**. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 **Museums and Galleries**. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental exhibit areas are included under the appropriate Instruction Subprogram.

43 **Educational Media Services**. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 **Academic Computer Support**. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 **Ancillary Support**. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 **Academic Administration**. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 **Course and Curriculum Development**. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 **Academic Personnel Development**. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Research Universities I:								
NC State	4.2	0.1	0.2	0.3	0.1	2.4	<0.1	-
NC State Vet.	4.7	-	0.9	0.1	-	3.4	-	-
UNC-Chapel Hill	12.2	0.5	0.3	0.6	0.6	4.0	-	0.1
UNC-Health Aff.	3.9	<0.1	0.3	0.3	4.5	11.8	0.1	0.1
SUBTOTAL	7.2	0.3	0.2	0.4	0.8	4.2	<0.1	0.1
Doctoral Universities I:								
UNC-Greensboro	6.8	1.5	0.8	1.7	1.1	1.6	-	-
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	3.6	0.9	0.4	0.5	0.5	1.9	0.2	0.1
East Carolina	6.7	0.3	0.4	0.1	<0.1	1.2	<0.1	-
ECU-Health Aff.	6.5	0.1	1.6	0.2	0.1	7.3	-	-
Fayetteville	7.7	0.3	0.7	0.1	0.8	3.1	-	-
NC A & T	7.1	0.4	0.2	0.5	3.9	3.0	-	-
NC Central	8.8	0.3	0.4	0.5	1.2	2.5	-	-
UNC-Charlotte	4.6	0.1	0.4	-	-	1.6	-	-
UNC-Pembroke	7.4	1.6	0.3	-	-	1.7	-	-
UNC-Wilmington	11.1	0.1	<0.1	0.2	-	2.3	-	0.1
West'n Carolina	7.6	0.6	0.2	<0.1	0.3	1.4	-	0.2
SUBTOTAL	6.6	0.4	0.4	0.2	0.7	2.2	<0.1	<0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	5.5	0.1	-	0.2	0.8	1.1	-	-
UNC-Asheville	12.5	0.4	1.6	0.8	-	0.7	-	-
Winston-Salem	6.7	1.8	0.3	0.7	0.4	2.5	-	-
SUBTOTAL	8.1	0.8	0.6	0.6	0.4	1.5	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Schools of Art, Music, and Design:								
NC Sch. of Arts	4.1	0.6	0.1	<0.1	0.1	1.1	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	6.7	0.1	0.9	0.1	1.1	1.7	<0.1	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	6.5	0.3	0.1	0.3	<0.1	3.9	<0.1	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	5.9	0.4	0.2	0.1	0.2	0.5	-	0.1
Junior Colleges:								
SUBTOTAL	5.1	1.8	-	-	-	0.1	-	-
GRAND TOTAL	6.5	0.4	0.4	0.3	0.6	2.3	<0.1	<0.1

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Alamance CC	3.8	-	0.6	0.1	2.3	2.2	-	-
Anson CC	10.5	-	0.6	0.2	-	4.3	-	-
Ashev'le-Bun. TCC	6.3	-	0.9	-	4.7	0.5	-	-
Beaufort Co. CC	7.4	-	-	-	-	1.2	-	-
Bladen CC	5.5	-	-	-	-	2.6	-	-
Blue Ridge CC	4.3	<0.1	1.0	-	2.3	0.4	-	-
Brunswick CC	5.5	-	0.5	-	-	1.3	-	-
Caldwell CC & TI	5.3	-	1.0	-	-	2.7	-	-
Cape Fear CC	7.5	-	0.7	0.2	-	0.9	-	-
Carteret CC	5.2	-	1.1	-	2.5	2.4	-	-
Catawba Vy. CC	5.2	0.2	0.6	0.4	2.4	2.0	-	-
C. Carolina CC	6.1	-	0.5	-	0.3	0.7	-	-
C. Piedmont CC	7.0	0.1	1.9	0.1	0.3	2.4	-	-
Cleveland CC	6.7	0.4	1.9	-	-	2.0	-	-
Coastal Car. CC	8.4	0.3	0.9	0.2	-	2.5	-	-
Col. Albemarle	7.9	0.6	0.3	-	-	2.0	-	-
Craven CC	9.7	-	1.5	-	-	1.7	-	-
Davidson Co. CC	7.3	-	1.5	-	2.7	2.6	-	-
Durham TCC	6.6	-	0.9	-	-	3.8	-	-
Edgecombe CC	7.4	-	1.3	-	-	1.7	-	-
Fayettev'le TCC	4.0	-	1.2	0.1	-	3.2	-	-
Forsyth TCC	5.5	-	0.5	0.4	-	3.7	-	-
Gaston Col.	9.1	0.3	1.0	0.4	4.7	1.0	-	-
Guilford TCC	5.6	-	0.6	-	-	1.2	-	-
Halifax CC	7.3	-	-	-	2.3	1.0	0.1	-
Haywood CC	2.9	0.2	0.2	0.2	1.8	1.0	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	4.2	-	-	-	-	1.3	-	-
Johnston CC	4.8	-	1.8	-	-	1.7	-	-
Lenoir CC	7.7	1.3	0.9	<0.1	-	3.3	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Martin CC	6.0	-	-	-	-	1.3	-	-
Mayland CC	10.6	-	0.8	-	7.3	1.1	-	-
McDowell TCC	6.0	0.6	-	-	-	1.4	-	-
Mitchell CC	6.0	0.1	0.9	0.2	-	2.7	-	-
Montgomery CC	5.8	-	-	-	3.5	1.0	-	-
Nash CC	10.4	-	-	-	-	1.1	-	-
Pamlico CC	16.2	-	0.5	-	-	1.2	-	-
Piedmont CC	6.8	-	0.5	0.1	-	1.7	-	-
Pitt CC	10.4	-	1.6	-	1.3	0.9	0.2	-
Randolph CC	6.3	-	1.3	-	-	1.5	-	-
Richmond CC	10.2	-	1.6	0.6	-	1.2	-	-
Roanoke-Cho. CC	6.3	-	-	-	1.1	1.9	-	-
Robeson CC	7.3	-	1.3	-	-	1.9	-	-
Rockingham CC	5.5	0.9	0.4	-	3.5	0.9	-	-
Rowan-Cab. CC	8.2	-	0.7	-	-	1.6	-	-
Sampson CC	10.9	-	-	0.2	-	1.5	-	-
Sandhills CC	9.5	0.6	1.6	-	-	1.1	0.2	-
Southeastern CC	8.0	-	1.7	0.1	1.6	0.1	-	-
Southwestern CC	4.9	-	1.5	-	-	2.6	-	-
Stanly CC	8.1	-	1.6	0.2	-	1.3	-	-
Surry CC	7.8	-	-	0.2	-	0.4	-	-
Tri-County CC	7.7	-	-	-	-	0.9	-	-
Vance-Granv. CC	6.4	-	-	-	2.9	1.7	-	-
Wake TCC	7.9	-	1.4	0.1	4.9	0.7	-	-
Wayne CC	9.2	-	1.4	0.1	-	1.9	0.1	-
W. Piedmont CC	7.6	-	2.0	-	-	3.2	-	-
Wilkes CC	5.0	1.0	0.5	-	2.7	1.1	-	-
Wilson TCC	6.4	-	0.7	<0.1	4.1	1.7	-	-
TOTAL	6.7	0.1	0.9	0.1	1.1	1.7	<0.1	-

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 **Student Service Administration**. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 **Social and Cultural Development**. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 **Counseling and Career Guidance**. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 **Financial Aid Administration**. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 **Student Auxiliary Services**. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 **Intercollegiate Athletics**. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 **Student Health/Medical Services**. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 **Physical Plant Administration**. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 **Building Maintenance**. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 **Custodial Services**. This subprogram consists of those activities related to custodial services in institutional buildings.

74 **Utilities**. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 **Landscape and Ground Maintenance**. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 **Major Repairs and Renovations**. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	0.1	2.0	0.2	0.1	20.6	3.0	0.2	0.4	0.4	<0.1	0.2	0.2
NC State Vet.	-	0.1	-	-	2.6	-	-	-	0.3	<0.1	1.4	<0.1
UNC-Chapel Hill	0.1	2.7	0.2	0.1	26.2	7.8	0.7	0.5	0.8	0.2	0.7	0.2
UNC-Health Aff.	0.1	<0.1	<0.1	<0.1	0.5	-	-	-	<0.1	0.2	-	-
SUBTOTAL	0.1	2.0	0.1	0.1	19.9	4.4	0.4	0.3	0.5	0.1	0.[illegible]	0.2
Doctoral Universities I:												
UNC-Greensboro	0.2	7.0	0.4	0.2	34.1	2.0	0.8	0.7	1.0	0.1	0.1	0.4
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	0.2	9.2	0.6	0.4	40.2	1.6	0.7	0.9	0.6	<0.1	0.6	-
East Carolina	0.2	10.1	0.3	0.2	34.3	3.2	0.4	0.4	1.4	0.1	-	0.1
ECU-Health Aff.	0.3	-	-	-	-	-	-	0.2	1.5	0.1	0.1	-
Fayetteville	0.1	6.2	0.9	0.7	28.9	0.7	0.6	-	1.5	-	-	0.5
NC A & T	0.2	3.7	0.7	0.4	26.9	1.0	0.4	0.2	0.8	<0.1	0.1	<0.1
NC Central	0.1	5.4	0.4	0.3	31.8	3.3	0.5	0.2	0.5	-	-	0.1
UNC-Charlotte	0.1	9.2	0.4	0.1	40.0	0.7	0.4	0.1	0.6	0.1	-	-
UNC-Pembroke	0.2	8.8	0.6	0.3	27.9	0.4	0.7	0.6	1.0	0.1	-	0.1
UNC-Wilmington	0.5	5.5	0.6	0.3	32.9	5.4	0.3	0.4	0.8	-	0.1	-
West'n Carolina	0.1	7.5	0.6	0.1	33.9	2.4	0.4	0.4	0.7	0.1	-	0.1
SUBTOTAL	0.2	7.4	0.5	0.3	32.9	2.0	0.5	0.4	0.9	<0.1	0.1	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	0.2	6.5	0.6	0.4	35.3	1.6	0.8	0.7	0.5	-	-	-
UNC-Asheville	0.2	3.8	0.4	0.2	29.8	1.8	0.3	0.7	0.4	0.1	0.3	0.2
Winston-Salem	0.2	8.5	0.5	0.3	27.3	4.3	0.4	0.3	0.6	0.1	0.2	0.3
SUBTOTAL	0.2	6.4	0.5	0.3	30.6	2.7	0.5	0.5	0.5	0.1	0.2	0.2
Schools of Art, Music, and Design:												
NC Sch. of Arts	0.2	6.6	0.1	0.2	22.4	-	0.5	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	2.2	0.5	-	-
Community Colleges:												
SUBTOTAL	0.6	4.9	0.9	0.2	4.5	<0.1	<0.1	0.2	1.6	0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.2	2.9	0.1	0.1	19.9	3.3	0.1	0.7	1.0	0.3	0.4	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.4	0.3	0.2	37.1	3.2	0.4	0.2	1.3	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.6	15.1	-	0.1	36.8	3.4	1.3	-	1.0	0.5	-	-
GRAND TOTAL	0.3	5.1	0.4	0.2	24.1	2.6	0.3	0.4	1.0	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	0.4	1.3	0.2	0.4	3.6	-	-	0.3	2.1	-	-	-
Anson CC	0.4	7.1	0.9	0.5	3.7	-	-	-	4.1	-	-	-
Asheville-Bun. TCC	0.1	2.2	0.3	0.4	3.3	-	-	0.2	0.4	-	-	0.2
Beaufort Co. CC	1.5	6.2	1.0	0.8	4.4	-	-	-	4.3	-	-	-
Bladen CC	0.9	9.8	1.5	0.2	3.8	-	-	-	1.9	<0.1	-	2.0
Blue Ridge CC	0.5	1.7	1.0	-	4.0	-	-	-	2.4	0.1	-	-
Brunswick CC	1.8	-	2.5	0.1	4.8	-	0.1	-	2.6	0.1	-	-
Caldwell CC & TI	0.1	17.4	1.2	<0.1	3.7	-	-	0.1	5.1	-	-	0.1
Cape Fear CC	0.7	0.9	1.5	0.2	3.7	-	-	-	-	-	-	0.1
Carteret CC	0.5	2.2	0.2	0.1	7.4	-	-	0.2	-	-	-	-
Catawba Vy. CC	0.1	3.7	1.4	<0.1	2.0	-	-	-	-	-	-	-
C. Carolina CC	0.6	3.8	0.5	0.1	5.0	-	-	0.1	-	<0.1	-	-
C. Piedmont CC	1.3	2.1	1.2	0.4	5.0	-	-	0.4	0.7	0.2	-	0.3
Cleveland CC	0.4	4.7	-	0.6	3.2	-	-	0.1	1.5	0.2	-	-
Coastal Car. CC	<0.1	2.1	1.5	0.1	4.8	-	-	0.3	1.9	-	-	-
Col. Albemarle	1.4	3.3	2.1	0.5	1.8	-	-	-	1.2	-	-	-
Craven CC	0.1	3.3	1.0	0.2	3.0	-	-	-	-	-	-	-
Davidson Co. CC	0.2	1.7	0.6	0.2	3.7	-	-	0.1	1.2	-	-	-
Durham TCC	0.2	1.1	1.3	0.1	3.6	-	-	-	1.3	0.1	-	0.5
Edgecombe CC	0.4	9.2	0.7	0.1	1.2	-	-	1.5	0.8	-	-	-
Fayettev'le TCC	0.8	5.4	0.8	0.1	4.1	-	0.1	0.2	1.3	0.3	-	0.8
Forsyth TCC	0.1	2.5	0.8	0.3	5.7	-	-	0.1	1.9	0.4	-	-
Gaston Col.	0.2	5.5	0.5	0.1	3.8	-	<0.1	-	0.5	-	-	0.4
Guilford TCC	0.4	2.5	0.9	0.2	4.4	-	<0.1	-	1.2	0.2	-	0.4
Halifax CC	0.2	3.9	1.2	1.4	3.6	-	-	0.1	2.1	-	-	-
Haywood CC	0.4	8.3	0.4	0.1	5.0	-	-	0.1	1.0	<0.1	<0.1	2.3
Isothermal CC	1.0	3.8	0.5	0.2	2.7	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	1.0	4.2	1.9	0.3	6.1	-	-	-	6.9	-	-	-
Johnston CC	0.9	10.8	0.5	0.3	4.5	-	-	-	8.0	<0.1	-	-
Lenoir CC	-	5.4	0.2	0.2	2.2	1.0	-	-	0.4	-	-	0.7
Martin CC	1.1	29.7	0.8	0.1	2.8	-	-	0.1	2.4	0.2	-	-
Mayland CC	-	0.9	0.4	0.7	11.0	-	-	-	1.9	-	-	-
McDowell TCC	0.6	-	1.4	0.1	7.4	-	-	-	0.4	-	-	2.9
Mitchell CC	1.1	9.0	0.4	0.3	7.6	-	-	-	2.2	0.2	-	-
Montgomery CC	-	3.1	1.0	0.2	4.9	-	-	0.4	2.1	-	-	-
Nash CC	1.0	0.6	0.8	0.1	2.7	-	-	-	1.6	-	-	-
Pamlico CC	1.2	-	1.7	-	7.1	-	-	-	4.1	-	-	-
Piedmont CC	1.8	0.7	-	-	4.3	-	-	-	2.9	-	-	-
Pitt CC	1.4	-	0.3	0.2	2.7	-	-	-	1.4	-	-	-
Randolph CC	0.7	2.3	1.3	0.1	5.0	-	-	0.3	0.1	-	-	-
Richmond CC	0.5	4.5	1.9	0.1	3.3	-	0.1	-	2.0	-	-	0.5
Roanoke-Cho. CC	0.3	2.0	1.7	0.7	4.6	-	-	-	-	-	-	4.2
Robeson CC	0.5	9.9	1.5	0.3	6.8	-	-	-	1.3	-	-	-
Rockingham CC	0.3	5.7	0.4	0.3	3.1	-	-	<0.1	0.5	0.1	-	0.2
Rowan-Cab. CC	1.0	-	0.8	0.2	6.5	-	-	-	0.9	0.1	-	-
Sampson CC	0.2	3.8	1.6	0.2	7.4	-	-	0.2	-	-	-	-
Sandhills CC	0.1	7.2	2.1	0.2	8.1	-	-	-	2.2	0.1	0.1	0.5
Southeastern CC	0.6	3.5	2.9	0.2	4.9	-	-	0.3	0.6	-	-	-
Southwestern CC	0.3	13.5	0.5	0.1	5.7	-	-	-	1.8	0.4	-	-
Stanly CC	0.1	4.3	0.9	0.3	6.3	-	-	0.1	0.7	-	-	-
Surry CC	0.9	1.6	0.9	0.3	6.1	-	-	0.1	1.6	0.1	-	-
Tri-County CC	0.9	7.2	0.2	0.1	3.7	-	-	-	-	-	-	-
Vance-Granv. CC	0.3	-	1.5	-	4.4	-	-	-	0.6	-	-	-
Wake TCC	0.3	5.4	1.5	0.4	8.5	-	0.1	<0.1	2.3	-	-	0.2
Wayne CC	0.3	4.7	0.5	0.3	3.1	-	0.1	-	5.5	-	-	-
W. Piedmont CC	0.7	3.5	0.6	0.2	5.4	-	<0.1	0.1	2.2	0.1	-	0.9
Wilkes CC	0.1	18.4	0.5	<0.1	3.0	-	-	3.2	0.4	0.4	-	-
Wilson TCC	0.4	4.4	0.7	0.1	3.8	-	0.1	0.1	1.9	0.1	-	-
TOTAL	0.6	4.9	0.9	0.2	4.5	<0.1	<0.1	0.2	1.6	0.1	<0.1	0.3

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TABLE 14d:

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 **Executive Management**. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 **Financial Management and Operations**. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 **General Administration and Logistical Services**. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 **Administrative Computing Support**. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 **Faculty and Staff Auxiliary Services**. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 **Public Relations/Development**. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 **Student Recruitment and Admissions**. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 **Student Records**. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 **Independent Operations/Institutional**. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 **Independent Operations/External Agencies**. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 **Capable of Use**. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 **Incapable of Use**. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms which are under or in need of alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	0.2	0.4	2.6	0.2	0.9	0.3	0.1	0.1	0.2	2.2	0.7	1.0
NC State Vet.	-	-	0.3	-	-	0.2	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.1	0.5	1.0	1.0	0.1	0.2	2.1	1.8	0.9	2.7
UNC-Health Aff.	-	-	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	0.9	7.0	5.9	0.9
SUBTOTAL	0.3	0.4	2.5	0.3	0.8	0.5	0.1	0.1	1.0	2.6	1.4	1.6
Doctoral Universities I:												
UNC-Greensboro	0.7	0.5	4.0	0.4	0.3	1.0	0.3	-	-	-	0.1	3.3
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	0.6	0.5	1.8	0.5	0.3	0.4	0.4	0.3	-	0.1	-	0.1
East Carolina	0.3	0.3	2.5	0.8	0.4	0.8	0.2	0.2	-	1.9	0.1	1.2
ECU-Health Aff.	-	-	6.8	-	0.1	1.1	0.3	0.3	-	-	0.4	0.6
Fayetteville	1.2	0.9	2.5	<0.1	2.1	0.1	0.3	0.2	-	-	-	5.2
NC A & T	0.8	0.7	1.5	0.4	0.9	0.7	0.3	0.1	-	0.7	-	2.6
NC Central	1.0	0.5	2.9	0.7	1.2	0.8	0.2	0.1	-	0.1	0.7	0.2
UNC-Charlotte	0.8	0.4	2.0	0.3	0.5	0.3	0.3	0.1	-	-	-	1.6
UNC-Pembroke	1.1	0.9	3.2	0.9	1.7	1.1	0.5	0.4	-	-	0.5	-
UNC-Wilmington	1.3	1.1	3.1	0.5	1.2	0.6	0.5	0.2	<0.1	0.6	0.2	0.1
West'n Carolina	0.6	0.3	3.4	0.4	3.3	0.7	0.2	0.2	0.1	3.6	0.1	3.2
SUBTOTAL	0.7	0.5	2.6	0.5	1.0	0.6	0.3	0.2	<0.1	0.9	0.1	1.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	1.3	0.7	2.7	0.3	3.2	0.4	0.3	0.2	-	-	<0.1	-
UNC-Asheville	0.8	0.6	1.3	0.1	1.0	0.4	0.2	0.3	-	1.4	0.1	1.2
Winston-Salem	1.0	1.1	2.7	0.4	2.9	0.7	0.2	0.2	-	0.5	2.0	5.3
SUBTOTAL	1.0	0.8	2.3	0.3	2.4	0.5	0.2	0.2	-	0.6	0.8	2.3
Schools of Art, Music, and Design												
NC Sch. of Arts	0.6	0.3	0.9	0.1	2.1	0.4	0.2	0.2	0.5	-	<0.1	4.5
Teaching Hospitals:												
UNC Hosp. at C. H.	0.7	1.6	9.2	2.1	-	0.1	-	-	-	-	-	4.4
Community Colleges:												
SUBTOTAL	1.3	0.9	3.7	0.5	0.6	0.2	0.3	0.5	0.2	0.6	0.5	1.1
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.5	0.7	4.2	0.5	1.3	0.6	0.1	0.1	1.6	0.3	0.1	1.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.4	5.2	0.2	5.3	0.9	0.5	0.2	0.2	0.3	1.0	1.0
Junior Colleges:												
SUBTOTAL	0.7	1.8	0.9	-	1.8	0.3	0.4	0.3	-	-	4.7	5.9
GRAND TOTAL	0.7	0.6	3.6	0.4	1.8	0.6	0.3	0.2	0.5	0.9	0.7	1.5

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.1	1.0	2.2	<0.1	0.8	0.3	0.2	0.3	-	0.1	<0.1	-
Anson CC	1.1	1.7	2.2	0.9	-	-	-	0.8	-	-	-	-
Ashev'le-Bun. TCC	1.2	0.5	4.0	0.2	0.3	0.1	0.2	0.6	-	1.8	0.1	1.4
Beaufort Co. CC	1.8	2.3	3.9	0.3	0.9	0.4	0.6	0.4	-	-	-	0.8
Bladen CC	1.5	1.0	8.3	0.3	0.4	-	-	1.0	-	1.1	3.6	1.0
Blue Ridge CC	0.8	0.7	2.0	0.2	0.2	0.1	-	0.8	-	3.1	-	4.2
Brunswick CC	2.0	1.0	1.4	0.4	1.0	0.9	0.2	0.2	-	7.4	-	4.9
Caldwell CC & TI	0.5	1.0	3.0	0.3	0.2	0.2	0.7	0.2	-	-	-	<0.1
Cape Fear CC	1.1	1.2	3.5	0.4	0.1	0.2	0.4	0.4	-	0.1	0.3	11.0
Carteret CC	1.7	0.6	16.0	0.3	0.5	-	-	0.2	-	1.3	0.5	1.0
Catawba Vy. CC	0.9	0.8	5.9	0.2	0.4	0.2	-	0.6	-	0.2	0.5	-
C. Carolina CC	1.1	0.8	0.6	0.4	0.1	0.1	-	0.3	8.3	-	-	0.6
C. Piedmont CC	0.6	0.9	3.9	0.7	0.8	0.4	-	1.2	-	-	-	0.5
Cleveland CC	1.6	0.6	3.9	0.6	0.7	0.4	0.1	0.3	-	0.1	0.3	-
Coastal Car. CC	1.0	0.9	1.8	0.7	0.4	0.1	0.1	0.4	-	-	0.7	-
Col. Albemarle	1.1	1.0	5.2	0.4	0.3	-	0.2	0.4	-	-	-	-
Craven CC	1.0	1.1	1.6	-	0.2	0.4	-	0.4	-	-	-	-
Davidson Co. CC	1.7	0.6	4.6	0.3	1.5	-	0.2	0.4	-	1.3	-	-
Durham TCC	2.4	1.0	7.1	1.0	1.2	0.3	0.7	0.4	-	1.9	0.2	-
Edgecombe CC	1.8	0.7	4.9	0.3	0.2	0.2	0.5	0.5	-	-	4.6	-
Fayettev'le TCC	1.4	1.3	2.9	0.7	0.3	0.1	0.5	0.5	-	-	-	0.4
Forsyth TCC	2.0	0.6	2.4	0.3	0.3	<0.1	1.1	0.5	-	0.1	-	-
Gaston Col.	1.1	0.5	4.5	-	0.3	0.2	0.2	0.2	-	-	-	-
Guilford TCC	1.7	0.8	4.5	0.4	1.2	0.1	0.3	0.8	-	<0.1	2.2	-
Halifax CC	1.1	0.5	6.9	1.5	0.7	0.4	0.5	0.7	-	-	1.1	-
Haywood CC	0.7	0.4	1.8	0.6	0.2	0.1	1.0	0.2	-	1.2	-	5.4
Isothermal CC	1.3	1.1	2.8	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	3.5	1.8	1.7	-	0.4	-	-	1.3	-	0.2	-	-
Johnston CC	0.7	0.9	4.4	0.2	0.4	-	0.1	0.3	-	0.1	-	0.7
Lenoir CC	0.6	1.1	4.3	0.3	0.9	-	1.0	0.4	-	2.6	-	-
Martin CC	0.6	0.7	1.2	0.2	0.2	-	-	0.2	-	-	-	12.0
Mayland CC	2.6	0.6	2.1	1.6	0.4	0.4	0.7	0.5	-	-	1.6	-
McDowell TCC	0.7	1.4	4.2	1.3	2.3	0.3	-	0.2	-	0.3	2.7	-
Mitchell CC	1.4	1.1	5.2	-	1.0	0.2	0.1	0.5	-	0.1	2.0	-
Montgomery CC	4.2	1.4	2.7	0.2	-	0.5	0.3	0.6	-	0.1	0.9	-
Nash CC	1.5	0.8	7.5	0.7	0.6	0.3	6.4	0.3	-	-	-	-
Pamlico CC	2.3	3.1	3.0	0.2	-	1.0	-	0.3	-	-	-	-
Piedmont CC	3.3	1.3	1.7	0.6	2.3	0.2	0.1	0.1	-	1.1	-	-
Pitt CC	0.5	1.2	2.2	0.5	0.5	0.2	0.2	0.5	-	-	-	0.9
Randolph CC	1.2	0.9	4.1	1.2	0.6	0.1	-	0.7	-	0.2	0.2	-
Richmond CC	4.3	1.1	5.9	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.6	0.9	1.7	0.2	0.4	0.3	0.4	0.3	-	18.1	-	3.6
Robeson CC	1.5	1.1	5.0	0.5	0.5	0.1	0.8	0.8	-	-	-	-
Rockingham CC	1.1	0.8	3.4	0.4	0.9	0.3	0.6	0.4	-	0.2	0.5	-
Rowan-Cab. CC	0.5	1.3	1.8	0.5	0.1	0.1	-	0.3	-	-	-	4.4
Sampson CC	3.4	2.4	4.5	0.3	-	0.1	0.2	1.1	-	-	2.8	0.8
Sandhills CC	1.1	0.3	2.0	0.4	2.7	0.2	0.3	0.4	-	<0.1	-	-
Southeastern CC	1.2	1.0	4.0	1.0	-	0.5	0.4	0.6	-	-	0.1	-
Southwestern CC	0.7	1.0	4.8	0.3	-	0.2	0.2	1.2	-	2.5	-	-
Stanly CC	1.9	1.1	3.0	1.2	0.8	0.2	0.3	1.0	-	-	-	3.9
Surry CC	2.0	1.1	1.7	0.3	0.5	0.3	0.3	0.3	-	0.6	-	3.6
Tri-County CC	0.8	0.7	10.7	0.6	-	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.1	1.0	4.4	0.7	0.2	-	2.0	0.4	-	0.1	0.1	-
Wake TCC	1.5	0.4	3.5	0.6	0.7	0.3	0.2	0.5	-	-	3.8	0.1
Wayne CC	1.3	0.5	1.2	0.4	0.8	0.1	0.3	0.3	-	-	-	-
W. Piedmont CC	0.9	0.9	2.6	0.4	-	2.0	0.3	0.4	-	-	-	-
Wilkes CC	1.5	0.8	2.7	-	-	0.2	0.3	0.1	3.5	0.2	-	-
Wilson TCC	1.8	1.2	2.6	0.6	0.6	0.2	<0.1	1.0	-	-	-	-
TOTAL	1.3	0.9	3.7	0.5	0.6	0.2	0.3	0.5	0.2	0.6	0.5	1.1

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TABLE 15:

ASSIGNABLE AREA BY ROOM CODE

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pp. 117-118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 1992 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Use Code	Norm (%)	All N.C. Institutions 1997 (%)
Classroom (Series 100)	**8.0**	**7.8**
Laboratory (Series 200)	**14.5**	**14.6**
Office (Series 300)	**13.0**	**18.2**
Study (Series 400)	**6.8**	**7.0**
Special Use (Series 500)	**8.9**	**9.5**
General Use (Series 600)	**12.0**	**11.9**
Support (Series 700)	**6.5**	**5.3**
Health Care (Series 800)	**1.4**	**3.4**
Residential (Series 900)	**26.7**	**20.3**
Unclassified (Series 000)	**2.2**	**2.0**

Room Use Codes

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Open Laboratory
225 Open Laboratory Service
250 Research/Nonclass Laboratory
255 Research/Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room
355 Conference Room Service

400 Study Facilities
410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic or Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic or Physical Ed. Svc.
530 Media Production
535 Media Production Service
540 Clinic
545 Clinic Service
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other (All Purpose)

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facility
635 Food Facility Service
640 Day Care
645 Day Care Service
650 Lounge
655 Lounge Service
660 Merchandising
665 Merchandising Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service

700 Support Facilities
710 Central Computer or Telecommunications
715 Central Computer or Telecommunications Service
720 Shop
725 Shop Service
730 Central Storage
735 Central Storage Service
740 Vehicle Storage
745 Vehicle Storage Service
750 Central Service
755 Central Service Support
760 Hazardous Materials
765 Hazardous Materials Service

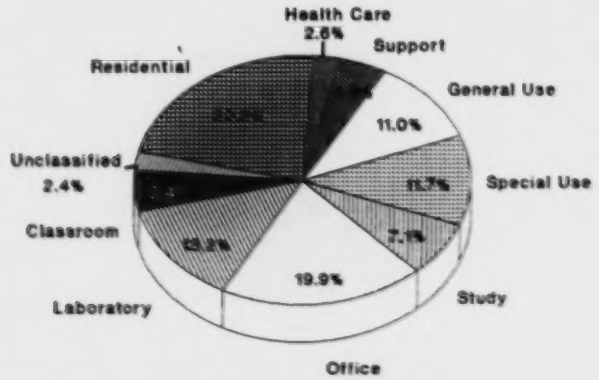
800 Health Care Facilities
810 Patient Bedroom
815 Patient Bedroom Service
820 Patient Bath
830 Nurse Station
835 Nurse Station Service
840 Surgery

845 Surgery Service
850 Treatment/Examination
855 Treatment/Examination Service
860 Diagnostic Service Laboratory
865 Diagnostic Service Laboratory Support
870 Central Supplies
880 Public Waiting
890 Staff On-Call Facility
895 Staff On-Call Facility Service

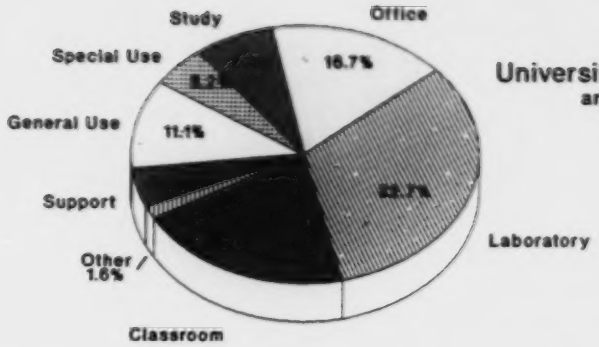
900 Residential Facilities
910 Sleep/Study without Toilet or Bath
910X Sleep/Study without Toilet or Bath Designed and Equipped for Mobility Impaired
919 Toilet or Bath
919X Toilet or Bath Designed and Equipped for Mobility Impaired
920 Sleep/Study with Toilet or Bath
920X Sleep/Study with Toilet or Bath Designed and Equipped for Mobility Impaired
935 Sleep/Study Service
950 Apartment
950X Apartment Equipped for Mobility Impaired
955 Apartment Service
970 House

000 Unclassified Facilities
010 Elevator
011 Men's Toilet Equipped for Mobility Impaired
012 Women's Toilet Equipped for Mobility Impaired
013 Unisex Toilet Equipped for Mobility Impaired
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

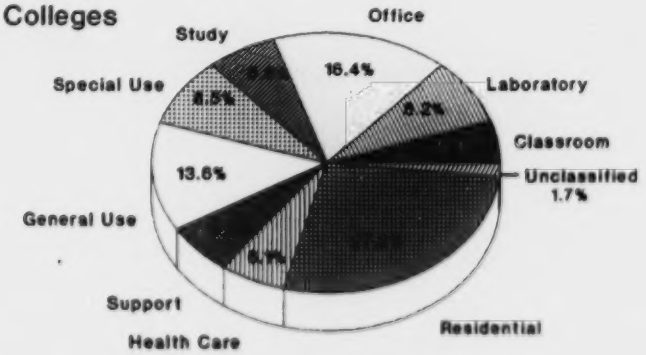
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

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Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Research Univ. I:									
NC State	6,177,076	208,508	3.4	1,191,848	19.3	1,274,260	20.6	248,110	4.0
NC State Vet.	267,531	7,335	2.7	61,900	23.1	37,705	14.1	16,324	6.1
UNC-Chapel Hill	5,008,065	203,128	4.1	403,760	8.1	976,459	19.5	623,140	12.4
UNC-Health Aff.	1,620,861	50,380	3.1	495,326	30.6	618,021	38.1	64,398	4.0
SUBTOTAL	13,073,533	469,351	3.6	2,152,834	16.5	2,906,445	22.2	951,972	7.3
Doctoral Univ. I:									
UNC-Greensboro	1,947,204	121,930	6.3	184,611	9.5	357,757	18.4	161,915	8.3
Master's (Comp.) Univ./Colleges I:									
Appalachian	2,133,104	158,047	7.4	158,656	7.4	382,701	17.9	71,607	3.4
East Carolina	2,413,118	166,239	6.9	279,823	11.6	410,454	17.0	172,594	7.2
ECU-Health Aff.	563,788	30,716	5.4	130,127	23.1	186,784	33.1	37,527	6.7
Fayetteville	692,189	56,908	8.2	56,132	8.1	114,019	16.5	57,774	8.3
NC A & T	1,579,667	111,976	7.1	265,784	16.8	289,894	18.4	119,383	7.6
NC Central	1,012,760	92,215	9.1	91,751	9.1	186,179	18.4	107,219	10.6
UNC-Charlotte	1,927,914	111,476	5.8	244,101	12.7	340,342	17.7	117,362	6.1
UNC-Pembroke	514,263	49,255	9.6	38,010	7.4	100,616	19.6	42,470	8.3
UNC-Wilmington	1,085,258	77,950	7.2	121,203	11.2	212,272	19.6	115,701	10.7
West'n Carolina	1,593,013	94,218	5.9	133,867	8.4	216,869	13.6	117,871	7.4
SUBTOTAL	13,515,074	949,000	7.0	1,519,454	11.2	2,440,130	18.1	959,508	7.1
Baccalaureate (Lib. Arts) Univ./Colleges I and II:									
Elizabeth City	588,636	41,662	7.1	67,000	11.4	78,970	13.4	39,023	6.6
UNC-Asheville	585,321	41,179	7.0	63,988	10.9	90,483	15.5	74,707	12.8
Winston-Salem	687,942	50,129	7.3	45,096	6.6	140,254	20.4	49,442	7.2
SUBTOTAL	1,861,899	132,970	7.1	176,084	9.5	309,707	16.6	163,172	8.8
Schools of Art, Music, and Design:									
NC Sch. of Arts	456,565	18,201	4.0	144,039	31.5	49,019	10.7	19,027	4.2
Teaching Hospitals:									
UNC Hosp. at C. Hill	876,156	7,311	0.8	9,470	1.1	251,099	28.7	2,879	0.3
Community Colleges:									
SUBTOTAL	10,542,213	2,143,114	20.3	3,443,628	32.7	1,757,887	16.7	780,257	7.4
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	9,393,139	318,338	3.4	960,441	10.2	2,279,186	24.3	669,865	7.1
Gen. Baccalaureate Colleges:									
SUBTOTAL	12,904,030	862,293	6.7	884,916	6.9	1,391,293	10.8	806,503	6.3
Junior Colleges:									
SUBTOTAL	294,493	17,764	6.0	13,362	4.5	30,996	10.5	14,796	5.0
GRAND TOTAL	64,864,306	5,040,272	7.8	9,488,839	14.6	11,773,519	18.2	4,529,894	7.0

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Research Univ. I:
1,225,556	19.8	433,815	7.0	412,395	6.7	11,594	0.2	1,097,634	17.8	73,356	1.2	NC State
60,979	22.8	7,201	2.7	14,901	5.6	61,186	22.9	-	-	-	-	NC State Vet.
575,263	11.5	561,784	11.2	296,755	5.9	18,821	0.4	1,174,071	23.4	174,884	3.5	UNC-Chapel Hill
77,230	4.8	44,686	2.8	36,033	2.2	124,271	7.7	430	<0.1	110,086	6.8	UNC-Health Aff.
1,939,028	14.8	1,047,486	8.0	760,084	5.8	215,872	1.7	2,272,135	17.4	358,326	2.7	SUBTOTAL
												Doctoral Univ. I:
165,074	8.5	281,759	14.6	94,345	4.8	8,993	0.5	505,503	26.0	65,317	3.4	UNC-Greensboro
												Master's (Comp.) Univ./Colleges I:
192,264	9.0	376,108	17.6	78,516	3.7	12,219	0.6	700,065	32.8	2,921	0.1	Appalachian
281,531	11.7	252,089	10.4	95,432	4.0	5,975	0.2	717,797	29.7	31,184	1.3	East Carolina
30,104	5.3	6,304	1.1	44,817	7.9	91,696	16.3	-	-	5,713	1.0	ECU-Health Aff.
83,953	12.1	84,036	12.1	27,115	3.9	3,891	0.6	172,338	24.9	36,023	5.2	Fayetteville
191,764	12.1	167,568	10.6	30,689	1.9	6,148	0.4	355,311	22.5	41,150	2.6	NC A & T
127,935	12.6	107,251	10.6	28,635	2.8	4,727	0.5	259,723	25.6	7,125	0.7	NC Central
150,963	7.8	315,446	16.4	29,100	1.5	6,779	0.4	580,944	30.1	31,401	1.6	UNC-Charlotte
65,611	12.8	89,301	17.4	15,325	3.0	3,019	0.6	110,430	21.5	226	<0.1	UNC-Pembroke
102,895	9.5	126,472	11.7	36,673	3.4	1,534	0.1	287,967	26.5	2,591	0.2	UNC-Wilmington
146,525	9.2	253,054	15.9	70,322	4.4	3,958	0.2	504,492	31.7	51,837	3.3	West'n Carolina
1,373,545	10.2	1,777,629	13.2	456,624	3.4	139,946	1.0	3,689,067	27.3	210,171	1.6	SUBTOTAL
												Bacc. (L. Arts) Univ./Coll. I/II:
64,852	11.0	94,670	16.1	15,709	2.7	4,862	0.8	181,888	30.9	-	-	Elizabeth City
79,738	13.6	75,012	12.8	18,200	3.1	1,177	0.2	134,055	22.9	6,782	1.2	UNC-Asheville
58,469	8.5	109,000	15.8	26,416	3.8	2,500	0.4	157,074	22.8	49,562	7.2	Winston-Salem
203,059	10.9	278,682	15.0	60,325	3.2	8,539	0.5	473,017	25.4	56,344	3.0	SUBTOTAL
												Schools of Art, Music, and Design:
14,911	3.3	81,574	17.9	14,873	3.3	1,814	0.4	92,288	20.2	20,819	4.6	NC Sch. of Arts
												Teaching Hospitals:
3,005	0.3	22,404	2.6	83,932	9.6	453,348	51.7	3,879	0.4	38,829	4.4	UNC Hosp. at C. Hill
												Community Colleges:
551,250	5.2	1,172,470	11.1	520,714	4.9	2,035	<0.1	9,789	0.1	161,069	1.5	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
530,368	5.6	913,394	9.7	587,817	6.3	1,323,592	14.1	1,664,730	17.7	145,408	1.5	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,378,251	10.7	2,091,616	16.2	829,977	6.4	42,562	0.3	4,380,716	33.9	235,914	1.8	SUBTOTAL
												Junior Colleges:
20,176	6.9	67,734	23.0	4,670	1.6	3,504	1.2	90,482	30.7	31,009	10.5	SUBTOTAL
6,178,667	9.5	7,734,747	11.9	3,413,361	5.3	2,200,195	3.4	13,181,606	20.3	1,323,206	2.0	GRAND TOTAL

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Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	177,920	39,898	22.4	76,237	42.8	29,287	16.5	8,014	4.5
Anson CC	39,793	6,073	15.3	14,008	35.2	8,418	21.2	4,758	12.0
Ashev'le-Bun. TCC	331,175	68,797	20.8	124,625	37.6	53,134	16.0	19,109	5.8
Beaufort Co. CC	130,943	25,075	19.1	42,176	32.2	28,591	21.8	9,194	7.0
Bladen CC	98,838	13,988	14.2	34,209	34.6	15,769	16.0	5,114	5.2
Blue Ridge CC	258,567	45,581	17.6	82,176	31.8	31,580	12.2	14,137	5.5
Brunswick CC	115,310	17,766	15.4	25,038	21.7	18,133	15.7	6,958	6.0
Caldwell CC & TI	221,401	39,948	18.0	67,558	30.5	29,716	13.4	14,329	6.5
Cape Fear CC	182,508	35,047	19.2	65,617	36.0	34,727	19.0	13,067	7.2
Carteret CC	118,991	20,487	17.2	35,802	30.1	14,345	12.1	6,473	5.4
Catawba Vy. CC	227,426	46,771	20.6	93,509	41.1	35,266	15.5	15,702	6.9
C. Carolina CC	220,690	47,679	21.6	81,175	36.8	32,181	14.6	13,473	6.1
C. Piedmont CC	605,573	144,335	23.8	194,019	32.0	120,595	19.9	45,525	7.5
Cleveland CC	136,791	21,085	15.4	45,181	33.0	18,293	13.4	15,613	11.4
Coastal Car. CC	194,926	46,714	24.0	72,116	37.0	34,554	17.7	15,190	7.8
Col. Albemarle	135,500	24,136	17.8	33,602	24.8	24,380	18.0	18,675	13.8
Craven CC	109,430	29,847	27.3	38,733	35.4	15,831	14.5	14,397	13.2
Davidson Co. CC	230,116	52,387	22.8	74,907	32.6	41,577	18.1	17,795	7.7
Durham TCC	202,538	43,513	21.5	71,781	35.4	38,496	19.0	13,896	6.9
Edgecombe CC	125,829	28,562	22.7	37,440	29.8	19,397	15.4	11,000	8.7
Fayettev'le TCC	398,548	100,268	25.2	122,570	30.8	72,461	18.2	18,954	4.8
Forsyth TCC	362,902	70,975	19.6	136,323	37.6	73,059	20.1	20,958	5.8
Gaston Col.	261,132	53,416	20.5	98,458	37.7	37,248	14.3	22,661	8.7
Guilford TCC	530,727	133,722	25.2	178,056	33.5	94,752	17.9	31,112	5.9
Halifax CC	125,122	28,123	22.5	37,683	30.1	23,443	18.7	10,123	8.1
Haywood CC	226,984	23,110	10.2	88,560	39.0	28,404	12.5	6,490	2.9
Isothermal CC	169,036	25,115	14.9	62,153	36.8	20,858	12.3	11,793	7.0
J. Sprunt CC	90,467	19,627	21.7	22,976	25.4	23,270	25.7	4,368	4.8
Johnston CC	160,671	29,488	18.4	49,713	30.9	16,149	10.1	9,069	5.6
Lenoir CC	214,808	54,554	25.4	52,003	24.2	34,402	16.0	14,507	6.8
Martin CC	175,925	15,563	8.8	41,772	23.7	17,973	10.2	12,823	7.3
Mayland CC	79,933	20,200	25.3	16,341	20.4	14,322	17.9	9,611	12.0
McDowell TCC	85,160	13,332	15.7	31,511	37.0	15,702	18.4	5,186	6.1
Mitchell CC	184,101	40,896	22.2	40,152	21.8	28,449	15.5	13,351	7.3
Montgomery CC	54,408	5,340	9.8	28,395	52.2	8,539	15.7	2,936	5.4
Nash CC	109,223	27,545	25.2	38,521	35.3	17,085	15.6	12,620	11.6
Pamlico CC	28,395	5,398	19.0	9,166	32.3	5,367	18.9	4,224	14.9
Piedmont CC	106,603	16,432	15.4	38,051	35.7	18,571	17.4	8,205	7.7
Pitt CC	189,702	43,005	22.7	63,587	33.5	44,315	23.4	19,539	10.3
Randolph CC	184,811	39,417	21.3	77,012	41.7	30,441	16.5	10,408	5.6
Richmond CC	112,109	19,476	17.4	33,356	29.8	24,008	21.4	10,952	9.8
Roanoke-Cho. CC	99,803	11,356	11.4	45,523	45.6	13,124	13.1	9,492	9.5
Robeson CC	140,387	27,165	19.4	42,758	30.5	25,223	18.0	11,650	8.3
Rockingham CC	221,004	41,416	18.7	62,409	28.2	30,470	13.8	14,738	6.7
Rowan-Cab. CC	211,261	49,577	23.5	76,116	36.0	30,299	14.3	17,720	8.4
Sampson CC	87,686	19,162	21.9	19,530	22.3	19,045	21.7	11,242	12.8
Sandhills CC	198,355	36,341	18.3	51,198	25.8	34,939	17.6	19,753	10.0
Southeastern CC	131,403	29,214	22.2	36,866	28.1	24,098	18.3	13,239	10.1
Southwestern CC	164,087	27,177	16.6	50,329	30.7	28,782	17.5	11,160	6.8
Stanly CC	103,640	20,049	19.3	35,478	34.2	21,082	20.3	7,854	7.6
Surry CC	173,437	35,003	20.2	54,480	31.4	29,520	17.0	11,985	6.9
Tri-County CC	82,943	22,345	26.9	25,175	30.4	7,915	9.5	6,222	7.5
Vance-Granv. CC	154,477	34,338	22.2	50,554	32.7	27,676	17.9	9,355	6.1
Wake TCC	349,426	68,965	19.7	84,235	24.1	56,007	16.0	35,460	10.1
Wayne CC	214,270	38,646	18.0	79,924	37.3	38,165	17.8	21,315	9.9
W. Piedmont CC	158,163	39,073	24.7	47,356	29.9	31,600	20.0	15,033	9.5
Wilkes CC	209,760	37,132	17.7	55,581	26.5	27,556	13.1	10,904	5.2
Wilson TCC	127,079	23,464	18.5	49,848	39.2	19,298	15.2	10,826	8.5
TOTAL	10,542,213	2,143,114	20.3	3,443,628	32.7	1,757,887	16.7	780,257	7.4

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
6,886	3.9	11,171	6.3	5,723	3.2	-	-	627	0.4	77	<0.1	Alamance CC
240	0.6	4,001	10.1	2,295	5.8	-	-	-	-	-	-	Anson CC
29,339	8.9	18,973	5.7	12,167	3.7	-	-	-	-	5,031	1.5	Ashev'le-Bun. TCC
400	0.3	14,858	11.3	9,648	7.4	-	-	-	-	1,001	0.8	Beaufort Co. CC
-	-	14,438	14.6	11,141	11.3	-	-	-	-	4,179	4.2	Bladen CC
36,952	14.3	21,631	8.4	15,692	6.1	-	-	-	-	10,818	4.2	Blue-Ridge CC
1,462	1.3	35,966	31.2	4,203	3.6	112	0.1	-	-	5,672	4.9	Brunswick CC
16,454	7.4	38,183	17.2	15,143	6.8	-	-	-	-	70	<0.1	Caldwell CC & TI
1,145	0.6	8,471	4.6	3,505	1.9	-	-	257	0.1	20,672	11.3	Cape Fear CC
8,943	7.5	12,140	10.2	18,989	16.0	-	-	-	-	1,812	1.5	Carteret CC
10,163	4.5	14,805	6.5	10,118	4.4	-	-	-	-	1,092	0.5	Catawba Vy. CC
11,465	5.2	31,265	14.2	2,137	1.0	-	-	-	-	1,314	0.6	C. Carolina CC
32,220	5.3	44,267	7.3	21,712	3.6	-	-	-	-	2,900	0.5	C. Piedmont CC
11,377	8.3	15,442	11.3	9,568	7.0	-	-	-	-	232	0.2	Cleveland CC
4,032	2.1	15,500	8.0	5,597	2.9	-	-	-	-	1,223	0.6	Coastal Car. CC
159	0.1	26,120	19.3	8,428	6.2	-	-	-	-	-	-	Col. Albemarle
1,797	1.6	7,487	6.8	1,338	1.2	-	-	-	-	-	-	Craven CC
17,118	7.4	15,651	6.8	10,681	4.6	-	-	-	-	-	-	Davidson Co. CC
1,513	0.7	16,679	8.2	16,303	8.0	-	-	-	-	357	0.2	Durham TCC
1,346	1.1	13,991	11.1	8,298	6.6	-	-	-	-	5,795	4.6	Edgecombe CC
19,570	4.9	35,875	9.0	26,992	6.8	378	0.1	-	-	1,480	0.4	Fayettev'le TCC
15,972	4.4	34,891	9.6	10,724	3.0	-	-	-	-	-	-	Forsyth TCC
9,495	3.6	29,154	11.2	9,952	3.8	748	0.3	-	-	-	-	Gaston Col.
9,223	1.7	50,476	9.5	18,574	3.5	-	-	3,124	0.6	11,688	2.2	Guilford TCC
4,975	4.0	10,221	8.2	9,235	7.4	-	-	-	-	1,319	1.1	Halifax CC
26,992	11.9	32,282	14.2	8,601	3.8	-	-	233	0.1	12,312	5.4	Haywood CC
25,791	15.3	15,290	9.0	8,036	4.8	-	-	-	-	-	-	Isothermal CC
4,468	4.9	9,215	10.2	6,543	7.2	-	-	-	-	-	-	J. Sprunt CC
11,124	6.9	24,894	15.5	19,096	11.9	-	-	-	-	1,138	0.7	Johnston CC
25,743	12.0	23,033	10.7	10,566	4.9	-	-	-	-	-	-	Lenoir CC
4,740	2.7	56,610	32.2	5,348	3.0	-	-	-	-	21,096	12.0	Martin CC
6,248	7.8	9,317	11.7	2,611	3.3	-	-	-	-	1,283	1.6	Mayland CC
1,514	1.8	11,072	13.0	4,511	5.3	-	-	-	-	2,332	2.7	McDowell TCC
16,406	8.9	28,992	15.7	12,211	6.6	-	-	-	-	3,644	2.0	Mitchell CC
1,766	3.2	4,644	8.5	2,788	5.1	-	-	-	-	-	-	Montgomery CC
-	-	3,569	3.3	9,883	9.0	-	-	-	-	-	-	Nash CC
140	0.5	2,114	7.4	1,986	7.0	-	-	-	-	-	-	Pamlico CC
8,814	8.3	12,779	12.0	3,751	3.5	-	-	-	-	-	-	Piedmont CC
6,535	3.4	7,469	3.9	3,605	1.9	-	-	-	-	1,647	0.9	Pitt CC
4,877	2.6	13,839	7.5	8,817	4.8	-	-	-	-	-	-	Randolph CC
4,082	3.6	11,571	10.3	8,564	7.6	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	10,014	10.0	5,568	5.6	-	-	-	-	3,639	3.6	Roanoke-Cho. CC
2,734	1.9	24,555	17.5	6,302	4.5	-	-	-	-	-	-	Robeson CC
36,410	16.5	25,409	11.5	9,092	4.1	-	-	-	-	1,060	0.5	Rockingham CC
3,517	1.7	19,845	9.4	4,971	2.4	-	-	-	-	9,216	4.4	Rowan-Cab. CC
2,869	3.3	10,003	11.4	3,326	3.8	-	-	-	-	2,509	2.9	Sampson CC
12,264	6.2	30,231	15.2	8,081	4.1	-	-	5,548	2.8	-	-	Sandhills CC
11,378	8.7	10,797	8.2	5,658	4.3	-	-	-	-	153	0.1	Southeastern CC
2,931	1.8	35,603	21.7	8,105	4.9	-	-	-	-	-	-	Southwestern CC
1,644	1.6	11,351	11.0	2,113	2.0	-	-	-	-	4,069	3.9	Stanly CC
17,012	9.8	14,125	8.1	5,092	2.9	-	-	-	-	6,220	3.6	Surry CC
-	-	13,269	16.0	8,017	9.7	-	-	-	-	-	-	Tri-County CC
1,487	1.0	25,167	16.3	5,714	3.7	-	-	-	-	186	0.1	Vance-Granv. CC
21,489	6.1	50,518	14.5	18,591	5.3	328	0.1	-	-	13,833	4.0	Wake TCC
4,499	2.1	17,302	8.1	14,288	6.7	131	0.1	-	-	-	-	Wayne CC
5,100	3.2	13,547	8.6	6,400	4.0	54	<0.1	-	-	-	-	W. Piedmont CC
24,254	11.6	39,400	18.8	14,933	7.1	-	-	-	-	-	-	Wilkes CC
1,089	0.9	12,987	10.2	9,383	7.4	184	0.1	-	-	-	-	Wilson TCC
551,250	5.2	1,172,470	11.1	520,714	4.9	2,035	<0.1	9,789	0.1	161,069	1.5	TOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, the University of North Carolina has adopted a standard of 18 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

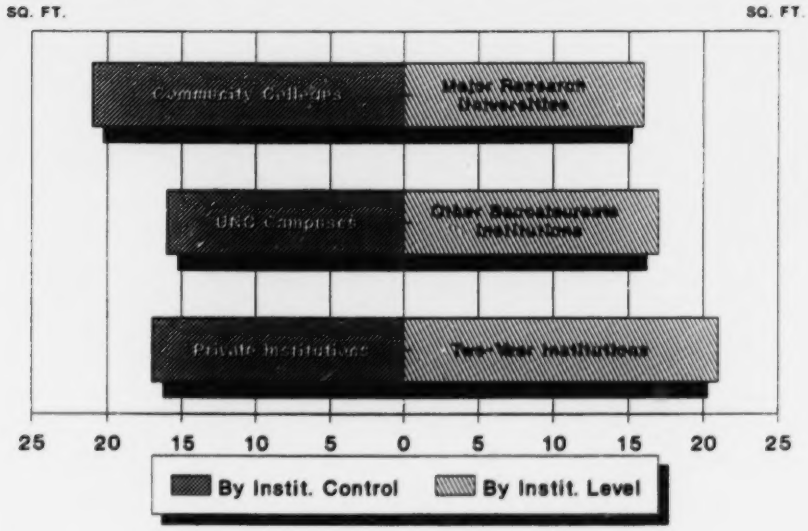
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

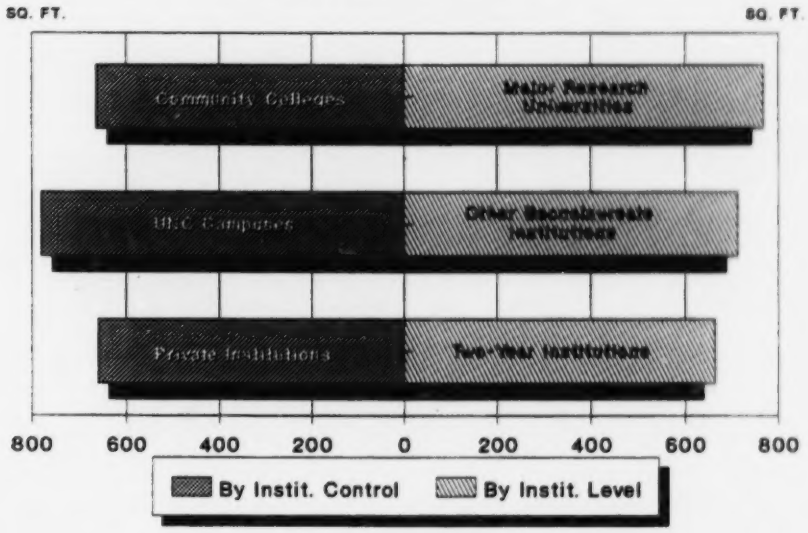
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



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Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Research Universities I:									
NC State	241	13,730	57	200,295	15	14	14	14	14
NC State Vet.	5	416	83	6,929	17	17	17	17	17
UNC-Chapel Hill	235	12,181	52	191,396	16	15	15	15	15
UNC-Health Aff.	65	3,588	55	47,839	13	14	14	14	14
SUBTOTAL	546	29,915	55	446,459	15	15	15	15	15
Doctoral Universities I:									
UNC-Greensboro	126	6,674	53	115,075	17	17	17	17	17
Master's (Comprehensive) Universities and Colleges I:									
Appalachian	200	8,186	41	152,577	19	18	18	18	18
East Carolina	203	9,875	49	160,736	16	17	17	17	17
ECU-Health Aff.	37	1,651	45	28,969	18	17	17	17	17
Fayetteville	76	2,906	38	53,582	18	18	18	17	17
NC A & T	151	6,764	45	106,993	16	16	16	15	15
NC Central	115	5,604	49	87,159	16	16	16	16	16
UNC-Charlotte	128	7,459	58	105,774	14	14	14	14	14
UNC-Pembroke	71	2,877	41	48,276	17	16	16	16	16
UNC-Wilmington	91	5,041	55	75,033	15	15	16	15	15
West'n Carolina	114	4,708	41	89,100	19	18	19	18	18
SUBTOTAL	1,186	55,071	46	908,199	16	16	17	16	16
Baccalaureate (Liberal Arts) Universities and Colleges I and II:									
Elizabeth City	58	2,533	44	40,507	16	16	16	16	16
UNC-Asheville	55	1,938	35	40,500	21	19	18	18	18
Winston-Salem	65	3,049	47	47,777	16	16	17	17	17
SUBTOTAL	178	7,520	42	128,784	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Schools of Art, Music, and Design:									
NC Sch. of Arts	34	820	24	17,896	22	22	22	22	22
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	3,127	99,329	32	2,076,264	21	21	20	20	20
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	436	18,144	42	307,427	17	16	16	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,285	49,905	39	831,555	17	17	17	16	16
Junior Colleges:									
SUBTOTAL	28	944	34	17,764	19	20	19	19	19
GRAND TOTAL	6,946	268,322	39	4,849,423	18	18	18	18	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Community Colleges:									
Alamance CC	52	1,943	37	38,160	20	19	18	18	18
Anson CC	11	291	26	5,982	21	21	23	23	23
Ashev'le-Bun. TCC	98	2,801	29	66,644	24	23	23	23	23
Beaufort Co. CC	38	993	26	23,934	24	21	21	21	21
Bladen CC	23	653	28	13,030	20	22	21	19	19
Blue Ridge CC	56	1,542	28	41,974	27	25	24	24	24
Brunswick CC	30	899	30	17,336	19	19	20	19	19
Caldwell CC & TI	63	1,715	27	38,892	23	23	23	20	20
Cape Fear CC	47	1,477	31	34,036	23	24	26	22	22
Carteret CC	37	1,021	28	19,884	19	18	18	18	18
Catawba Vy. CC	66	1,828	28	45,224	25	23	23	23	22
C. Carolina CC	74	2,288	31	47,283	21	20	21	21	21
C. Piedmont CC	223	8,070	36	141,362	18	17	17	17	17
Cleveland CC	33	1,100	33	20,278	18	18	18	18	18
Coastal Car. CC	71	2,103	30	45,956	22	22	21	21	21
Col. Albemarle	43	1,391	32	23,932	17	16	17	16	17
Craven CC	47	1,544	33	29,365	19	19	19	19	19
Davidson Co. CC	72	2,512	35	50,015	20	18	18	18	18
Durham TCC	65	2,080	32	42,249	20	20	20	20	20
Edgecombe CC	54	1,318	24	27,977	21	21	21	20	21
Fayettev'le TCC	137	5,078	37	96,942	19	21	21	21	22
Forsyth TCC	99	3,455	35	68,450	20	20	20	20	20
Gaston Col.	74	2,694	36	52,694	20	19	19	18	19
Guilford TCC	184	5,545	30	127,390	23	22	20	20	20
Halifax CC	39	1,185	30	27,821	23	23	21	20	20
Haywood CC	37	1,024	28	22,730	22	23	22	22	22
Isothermal CC	40	1,159	29	24,587	21	21	22	22	22
J. Sprunt CC	37	833	23	19,267	23	23	24	25	23
Johnston CC	43	1,603	37	25,577	16	16	16	16	16
Lenoir CC	81	2,111	26	52,921	25	24	22	22	21

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Community Colleges:									
Martin CC	20	602	30	14,918	25	25	20	20	20
Mayland CC	33	831	25	19,547	24	24	24	24	22
McDowell TCC	23	509	22	12,069	24	20	21	21	18
Mitchell CC	59	1,874	32	39,873	21	22	22	22	22
Montgomery CC	10	240	24	5,165	22	21	20	21	20
Nash CC	34	1,108	33	25,668	23	24	22	22	22
Pamlico CC	9	231	26	5,398	23	25	25	23	23
Piedmont CC	31	696	22	16,065	23	23	23	23	23
Pitt CC	60	1,989	33	40,945	21	20	20	20	20
Randolph CC	51	1,319	26	37,479	28	29	30	29	29
Richmond CC	36	975	27	19,204	20	20	20	20	20
Roanoke-Cho. CC	20	565	28	11,263	20	20	20	20	20
Robeson CC	37	1,243	34	25,603	21	21	22	22	22
Rockingham CC	51	1,879	37	38,858	21	21	21	21	21
Rowan-Cab. CC	75	2,549	34	49,038	19	19	18	18	18
Sampson CC	29	874	30	18,736	21	21	21	22	19
Sandhills CC	49	1,987	41	35,521	18	18	18	18	18
Southeastern CC	41	1,731	42	28,593	17	17	17	17	18
Southwestern CC	38	978	26	26,727	27	26	26	26	26
Stanly CC	36	1,220	34	19,821	16	18	18	17	17
Surry CC	41	1,459	36	34,198	23	23	21	22	22
Tri-County CC	24	769	32	21,999	29	29	23	23	23
Vance-Granv. CC	49	1,495	31	33,757	23	23	23	21	21
Wake TCC	97	3,357	35	68,456	20	20	20	20	20
Wayne CC	60	1,911	32	38,088	20	20	19	19	18
W. Piedmont CC	46	1,583	34	38,290	24	22	22	22	22
Wilkes CC	60	2,082	35	35,758	17	17	17	18	17
Wilson TCC	34	1,017	30	23,335	23	23	24	24	24
TOTAL	3,127	99,329	32	2,076,264	21	21	20	20	20

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

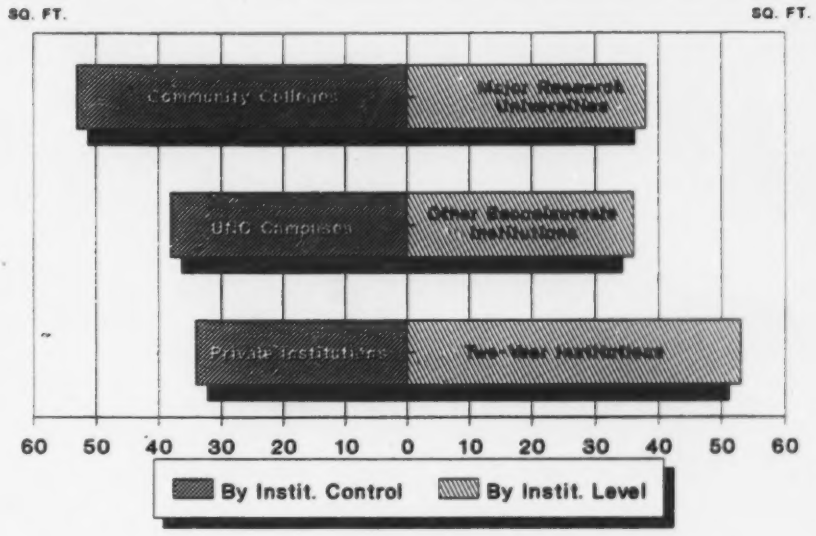
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The University of North Carolina has developed ASF-per-station standards for four discipline categories of space (see Table 11-Space Standards):

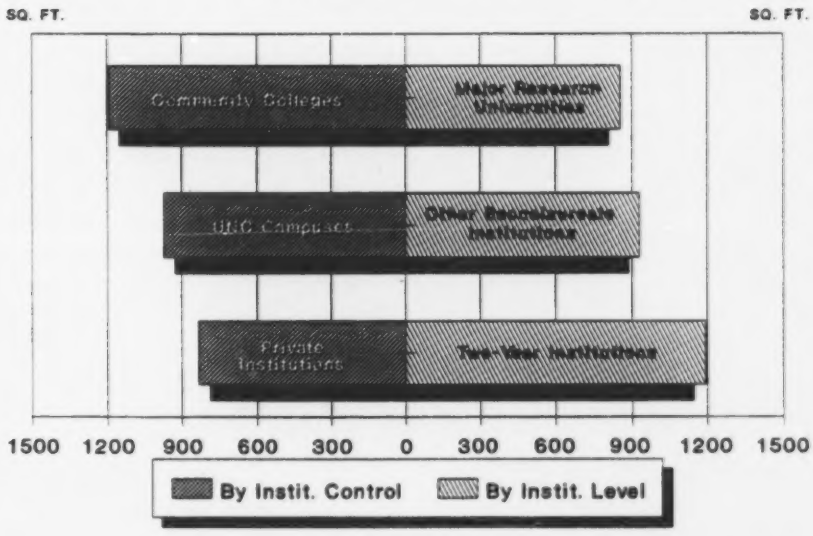
Highly Intensive - 108 ASF	(Includes Engineering (including Textiles), Applied Design, Dance, and Dramatic Arts).
Intensive - 70 ASF	(Includes Agriculture, Architecture, Biological Sciences, Health Professions, Library Science, and Physical Sciences).
Moderately Intensive - 50 ASF	(Includes Communications, Computer/Information Technologies, Education, Art, Home Economics, Law, Psychology).
Non-Intensive - 33 ASF	(Includes Business, Cinematography, Music, Languages, Letters, Mathematics, Public Affairs, Social Sciences).

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Research Universities I:									
NC State	121	3,272	27	130,862	40	43	44	46	46
NC State Vet.	-	-	-	-	-	72	72	58	58
UNC-Chapel Hill	64	1,709	27	66,278	39	34	34	34	34
UNC-Health Aff.	75	1,509	20	60,928	40	43	43	42	42
SUBTOTAL	260	6,490	25	258,068	40	42	42	42	43
Doctoral Universities I:									
UNC-Greensboro	56	1,603	29	66,628	42	40	40	41	41
Master's (Comprehensive) Universities and Colleges I:									
Appalachian	92	2,235	24	92,146	41	41	39	39	39
East Carolina	119	3,032	25	117,757	39	40	40	39	39
ECU-Health Aff.	42	370	9	22,565	61	65	65	65	65
Fayetteville	30	804	27	35,124	44	30	30	29	28
NC A & T	82	2,326	28	75,791	33	33	33	33	32
NC Central	45	1,294	29	39,476	31	34	34	34	34
UNC-Charlotte	96	2,512	26	83,464	33	31	30	31	31
UNC-Pembroke	29	742	26	23,008	31	31	31	31	31
UNC-Wilmington	56	1,421	25	52,527	37	42	37	37	37
West'n Carolina	53	1,367	26	53,829	39	37	35	39	38
SUBTOTAL	644	16,103	25	595,687	37	37	35	36	36
Baccalaureate (Liberal Arts) Universities and Colleges I and II:									
Elizabeth City	39	1,156	30	41,199	36	36	36	36	37
UNC-Asheville	33	948	29	30,575	32	33	33	33	33
Winston-Salem	30	845	28	22,995	27	28	29	29	29
SUBTOTAL	102	2,949	29	94,769	32	33	33	33	33

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Schools of Art, Music, and Design:									
NC Sch. of Arts	45	1,239	28	59,541	48	62	65	67	67
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,322	52,456	23	2,769,094	53	52	52	53	53
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	173	3,166	18	111,598	35	37	36	39	38
Gen. Baccalaureate Colleges:									
SUBTOTAL	599	15,525	26	529,990	34	34	34	34	34
Junior Colleges:									
SUBTOTAL	9	212	24	9,178	43	41	39	36	36
GRAND TOTAL	4,210	99,743	24	4,494,553	45	45	45	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Community Colleges:									
Alamance CC	49	1,256	26	56,115	45	44	43	43	41
Anson CC	14	308	22	12,743	41	41	50	50	50
Ashev'le-Bun. TCC	63	1,333	21	92,785	70	70	70	71	75
Beaufort Co. CC	34	771	23	39,732	52	52	53	55	55
Bladen CC	25	534	21	29,316	55	69	60	58	58
Blue Ridge CC	37	750	20	73,833	98	99	-	96	96
Brunswick CC	15	335	22	19,139	57	60	59	58	61
Caldwell CC & TI	52	927	18	60,892	66	71	72	70	70
Cape Fear CC	43	908	21	54,391	60	56	56	57	57
Carteret CC	29	662	23	30,178	46	40	42	42	42
Catawba Vy. CC	57	1,261	22	73,810	59	59	59	59	61
C. Carolina CC	67	1,603	24	65,689	41	44	47	47	48
C. Piedmont CC	125	2,806	22	157,647	56	56	55	55	49
Cleveland CC	44	949	22	39,141	41	41	40	41	42
Coastal Car. CC	49	1,199	24	59,107	49	48	52	55	55
Col. Albemarle	26	569	22	29,644	52	51	54	50	47
Craven CC	27	745	28	27,042	36	36	36	36	36
Davidson Co. CC	56	1,291	23	59,988	46	42	44	46	48
Durham TCC	50	1,156	23	60,244	52	54	54	54	52
Edgecombe CC	36	655	18	35,712	55	55	55	56	56
Fayettev'le TCC	88	2,348	27	97,283	41	46	45	46	47
Forsyth TCC	79	1,833	23	106,861	58	60	60	62	60
Gaston Col.	39	1,014	26	56,627	56	54	55	52	54
Guilford TCC	103	2,086	20	132,327	63	61	58	59	59
Halifax CC	25	512	20	30,574	60	55	45	43	43
Haywood CC	44	793	18	59,989	76	55	56	56	56
Isothermal CC	38	922	24	44,896	49	49	49	49	50
J. Sprunt CC	22	458	21	19,980	44	45	48	48	56
Johnston CC	37	990	27	41,676	42	41	41	41	41
Lenoir CC	35	722	21	40,959	57	50	50	52	46

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1997	1996	1995	1994	1993
Community Colleges:									
Martin CC	28	764	27	38,847	51	51	57	57	57
Mayland CC	9	215	24	12,041	56	54	56	56	56
McDowell TCC	22	544	25	28,096	52	49	49	49	48
Mitchell CC	33	732	22	34,727	47	47	45	50	50
Montgomery CC	25	512	20	25,328	49	51	53	54	60
Nash CC	24	444	19	29,724	67	63	58	70	70
Pamlico CC	8	152	19	7,844	52	59	59	85	85
Piedmont CC	26	533	21	30,336	57	57	57	55	55
Pitt CC	54	977	18	52,506	54	54	54	54	55
Randolph CC	46	914	20	61,212	67	67	66	64	65
Richmond CC	21	427	20	28,597	67	69	69	69	69
Roanoke-Cho. CC	16	383	24	19,369	51	52	50	50	50
Robeson CC	33	1,011	31	38,551	38	38	39	38	38
Rockingham CC	45	1,077	24	56,841	53	53	56	56	55
Rowan-Cab. CC	42	963	23	67,337	70	48	50	52	52
Sampson CC	14	319	23	16,435	52	64	64	66	56
Sandhills CC	38	986	26	43,456	44	44	44	44	44
Southeastern CC	37	820	22	30,529	37	37	35	34	36
Southwestern CC	40	746	19	40,520	54	53	53	54	51
Stanly CC	34	1,129	33	34,209	30	31	31	32	32
Surry CC	42	959	23	47,521	50	49	48	48	48
Tri-County CC	17	316	19	21,420	68	68	66	66	66
Vance-Granv. CC	41	1,039	25	44,973	43	43	44	45	45
Wake TCC	63	1,186	19	67,459	57	58	58	57	57
Wayne CC	49	1,217	25	59,339	49	49	51	51	52
W. Piedmont CC	33	739	22	35,996	49	49	50	50	50
Wilkes CC	42	1,000	24	46,521	47	47	47	47	47
Wilson TCC	32	656	21	41,040	63	62	58	59	60
TOTAL	2,322	52,456	23	2,769,094	53	52	52	53	53

Bridger Field House - Wake Forest University

The Wake Forest football program became better prepared for the future and future success with the completion of the Bridger Field House at Groves Stadium in the fall of 1999. The highlight of the new facility, built after a successful $8.5 million fund raising effort by the athletic department, is a modern and spacious locker room which is comparable to any in the Atlantic Coast Conference. Coaches' locker room, game day training room, visiting team locker room, media interview room, a new ticket office for all athletic events, and the "Hall of Fame" display room complete the first level of the three-story building.

The second level houses a large banquet room and a number of trophy cases highlighting the history of Wake Forest football and the national accomplishments of other Demon Deacon teams and individuals. Offices and meeting rooms for the athletic department's external relations staff (Deacon Club and Sports Marketing) and additional trophy cases for all varsity sports are located on the third floor.

Building Characteristics

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TABLE 18

OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.

3 Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a noneducational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Research Universities I:											
NC State	7,544,061	74.0	2,559,079	25.1	-	-	72,082	0.7	255	<0.1	10,196,124
NC State Vet.	409,732	100.0	-	-	-	-	-	-	-	-	409,732
UNC-Chapel Hill	7,686,578	97.7	-	-	-	-	52,322	0.7	130,616	1.7	7,870,767
UNC-Health Aff.	3,149,632	81.9	522,938	13.6	-	-	175,215	4.6	-	-	3,847,805
SUBTOTAL	18,790,023	84.2	3,082,017	13.8	-	-	299,619	1.3	130,871	0.6	22,324,428
Doctoral Universities I:											
UNC-Greensboro	3,548,921	99.1	-	-	-	-	32,875	0.9	-	-	3,581,796
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	1,735,289	54.9	1,409,355	44.6	-	-	16,010	0.5	-	-	3,160,654
East Carolina	3,378,463	98.2	-	-	-	-	40,843	1.2	22,672	0.7	3,441,978
ECU-Health Aff.	738,156	86.5	-	-	-	-	82,841	9.7	32,368	3.8	853,365
Fayetteville	825,787	78.4	227,344	21.6	-	-	-	-	-	-	1,053,131
NC A & T	2,268,794	100.0	-	-	-	-	-	-	-	-	2,268,794
NC Central	1,538,435	99.8	-	-	-	-	-	-	3,122	0.2	1,541,557
UNC-Charlotte	2,421,102	65.0	1,304,312	35.0	-	-	-	-	-	-	3,725,414
UNC-Pembroke	758,397	100.0	-	-	-	-	-	-	-	-	758,397
UNC-Wilmington	1,066,534	66.4	538,431	33.5	-	-	-	-	960	0.1	1,605,925
West'n Carolina	1,608,889	68.3	746,441	31.7	-	-	-	-	-	-	2,355,330
SUBTOTAL	16,339,846	78.7	4,225,883	20.4	-	-	139,694	0.7	59,122	0.3	20,764,545
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	707,041	83.9	135,876	16.1	-	-	-	-	-	-	842,917
UNC-Asheville	658,249	72.2	252,918	27.8	-	-	-	-	-	-	911,167
Winston-Salem	953,198	88.2	127,536	11.8	-	-	-	-	-	-	1,080,734
SUBTOTAL	2,318,488	81.8	516,330	18.2	-	-	-	-	-	-	2,834,818
Schools of Art, Music, and Design:											
NC Sch. of Arts	555,873	82.7	102,782	15.3	-	-	2,760	0.4	11,053	1.6	672,468
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,480,456	95.8	-	-	-	-	57,815	3.7	-	-	1,544,992
Community Colleges:											
SUBTOTAL	14,692,501	95.4	-	-	20,382	0.1	337,576	2.2	310,722	2.0	15,406,963
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	16,469,695	87.6	138,733	0.7	-	-	27,494	0.1	-	-	18,792,649
Gen. Baccalaureate Colleges:											
SUBTOTAL	16,265,958	89.2	1,640,855	9.0	137,836	0.8	111,468	0.6	85,507	0.5	18,241,624
Junior Colleges:											
SUBTOTAL	254,903	58.7	130,978	30.2	48,038	11.1	-	-	-	-	433,919
GRAND TOTAL	90,716,664	86.7	9,837,578	9.4	206,256	0.2	1009301	1.0	597,275	0.6	104,598,202

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	*	Total Gross Sq. Ft.
Community Colleges:												
Alamance CC	250,480	95.4	-	-	-	-	9,059	3.4	3,075	1.2		262,614
Anson CC	42,146	76.8	-	-	-	-	-	-	12,729	23.2		54,875
Ashev'le-Bun. TCC	474,002	96.3	-	-	-	-	-	-	18,000	3.7		492,002
Beaufort Co. CC	178,373	100.0	-	-	-	-	-	-	-	-		178,373
Bladen CC	125,205	97.5	-	-	-	-	2,520	2.0	692	0.5		128,417
Blue Ridge CC	337,995	100.0	-	-	-	-	-	-	-	-		337,995
Brunswick CC	167,069	100.0	-	-	-	-	-	-	-	-		167,069
Caldwell CC & TI	284,950	95.9	-	-	-	-	-	-	12,168	4.1		297,118
Cape Fear CC	200,809	74.1	-	-	-	-	6,501	2.4	63,807	23.5		271,117
Carteret CC	159,063	98.8	-	-	1,960	1.2	-	-	-	-		161,023
Catawba Vy. CC	303,292	98.5	-	-	-	-	-	-	4,600	1.5		307,892
C. Carolina CC	273,930	88.4	-	-	-	-	-	-	35,871	11.6		309,801
C. Piedmont CC	1,372,832	93.3	-	-	10,043	0.7	87,881	6.0	-	-		1,470,756
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-		193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-		277,026
Col. Albemarle	163,580	79.7	-	-	-	-	2,100	1.0	39,600	19.3		205,280
Craven CC	144,415	92.2	-	-	-	-	11,307	7.2	864	0.6		156,586
Davidson Co. CC	339,729	100.0	-	-	-	-	-	-	-	-		339,729
Durham TCC	271,077	93.6	-	-	-	-	18,680	6.4	-	-		289,757
Edgecombe CC	184,044	100.0	-	-	-	-	-	-	-	-		184,044
Fayettev'le TCC	563,900	100.0	-	-	-	-	-	-	-	-		563,900
Forsyth TCC	485,992	93.4	-	-	-	-	2,200	0.4	-	-		520,374
Gaston Col.	360,102	95.7	-	-	-	-	11,526	3.1	4,480	1.2		376,108
Guilford TCC	692,993	91.8	-	-	-	-	62,108	8.2	-	-		755,101
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-		175,421
Haywood CC	293,994	100.0	-	-	-	-	-	-	-	-		293,994
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-		220,057
J. Sprunt CC	117,057	96.5	-	-	-	-	-	-	4,240	3.5		121,297
Johnston CC	199,273	93.0	-	-	-	-	-	-	14,954	7.0		214,227
Lenoir CC	252,810	87.0	-	-	-	-	4,548	1.6	33,282	11.5		290,640
Martin CC	229,431	100.0	-	-	-	-	-	-	-	-		229,431
Mayland CC	102,093	91.2	-	-	-	-	-	-	9,800	8.8		111,893
McDowell TCC	111,037	95.1	-	-	-	-	-	-	5,777	4.9		116,814
Mitchell CC	256,123	100.0	-	-	-	-	-	-	-	-		256,123
Montgomery CC	73,052	95.7	-	-	-	-	3,296	4.3	-	-		76,348
Nash CC	157,799	100.0	-	-	-	-	-	-	-	-		157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-		40,198
Piedmont CC	128,750	100.0	-	-	-	-	-	-	-	-		128,750
Pitt CC	274,561	100.0	-	-	-	-	-	-	-	-		274,561
Randolph CC	246,296	98.7	-	-	-	-	3,268	1.3	-	-		249,564
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-		156,639
Roanoke-Cho. CC	127,542	93.8	-	-	8,379	6.2	-	-	-	-		135,921
Robeson CC	188,638	100.0	-	-	-	-	-	-	-	-		188,638
Rockingham CC	311,927	100.0	-	-	-	-	-	-	-	-		311,927
Rowan-Cab. CC	258,877	94.9	-	-	-	-	4,213	1.5	9,625	3.5		272,715
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-		117,646
Sandhills CC	273,249	99.8	-	-	-	-	-	-	640	0.2		273,889
Southeastern CC	179,709	100.0	-	-	-	-	-	-	-	-		179,709
Southwestern CC	220,442	99.2	-	-	-	-	1,761	0.8	-	-		222,203
Stanly CC	109,044	75.6	-	-	-	-	19,837	13.7	1,848	1.3		144,329
Surry CC	247,238	100.0	-	-	-	-	-	-	-	-		247,238
Tri-County CC	103,973	100.0	-	-	-	-	-	-	-	-		103,973
Vance-Granv. CC	189,366	80.9	-	-	-	-	44,772	19.1	-	-		234,138
Wake TCC	477,629	89.8	-	-	-	-	22,260	4.2	32,150	6.0		532,039
Wayne CC	326,073	96.9	-	-	-	-	10,355	3.1	-	-		336,428
W. Piedmont CC	234,143	100.0	-	-	-	-	-	-	-	-		234,143
Wilkes CC	270,299	96.6	-	-	-	-	9,384	3.4	-	-		279,683
Wilson TCC	175,910	98.6	-	-	-	-	-	-	2,520	1.4		178,430
TOTAL	14,692,501	95.4	-	-	20,382	0.1	337,576	2.2	310,722	2.0		15,406,963

Category 6: None
Category 7: Forsyth Technical CC - 32,182 6.2%; Stanly CC - 13,600 9.4%; UNC Hosp. at C.H. - 6,721 0.4%;
Category 8: N.C. State - 20,647 0.2%; UNC at Chapel Hill - 1,251 <0.1%; Priv. Major Res. Univ. - 2,156,727 52.4%;

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TABLES 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

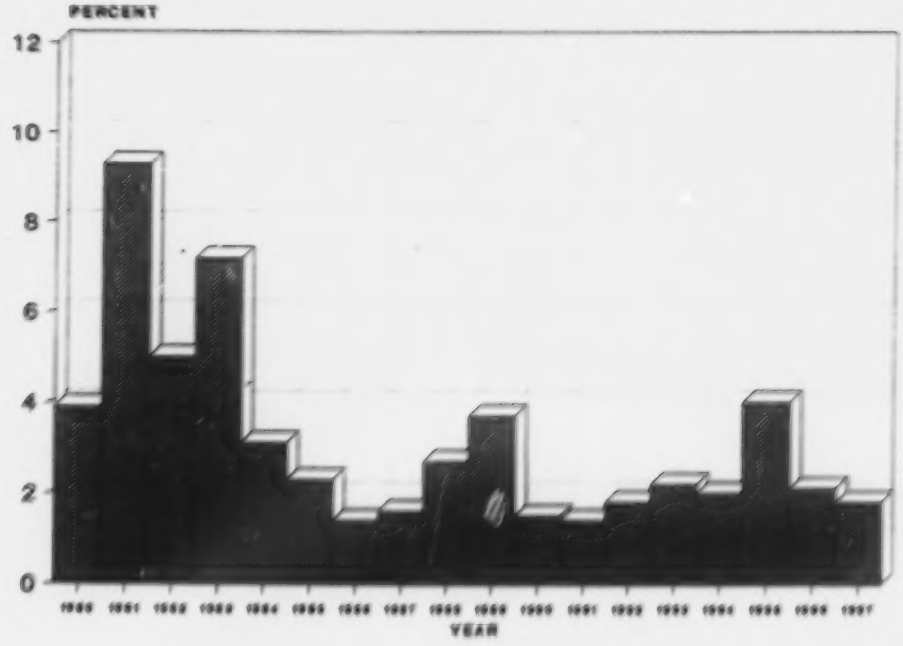
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication in previous years were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. (For fall 1997, Asheville, Fayetteville, and Wilmington have been added). The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1980. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1980	3.9%	1986	1.4%	1992	1.8%
1981	9.3%	1987	1.6%	1993	2.2%
1982	5.0%	1988	2.7%	1994	2.0%
1983	7.2%	1980	3.7%	1995	4.0%
1984	3.1%	1990	1.5%	1996	2.1%
1985	2.3%	1991	1.4%	1997	1.8%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	721	$ 297,180,509	$ 714,178,003	8,364,886
NC State Vet.	38	24,744,291	40,050,804	409,732
UNC-Chapel Hill	182	303,750,214	859,680,051	5,966,889
UNC-Health Aff.	97	233,935,236	548,245,686	3,847,805
SUBTOTAL	1,038	859,610,250	2,162,154,544	18,589,312
Doctoral Universities I:				
UNC-Greensboro	51	80,144,880	188,488,356	2,585,614
Master's (Comprehensive) Universities and Colleges I:				
Appalachian	55	98,140,588	196,179,370	2,106,246
East Carolina	90	101,786,669	221,076,329	2,406,641
ECU-Health Aff.	47	45,523,192	82,810,400	853,365
Fayetteville	37	39,013,286	71,051,082	766,177
NC A & T	86	62,931,575	157,429,215	1,728,109
NC Central	43	34,614,075	94,038,570	1,082,517
UNC-Charlotte	45	139,826,442	236,570,018	2,774,581
UNC-Pembroke	28	27,991,355	55,272,434	590,848
UNC-Wilmington	59	66,534,503	117,767,060	1,190,273
West'n Carolina	64	54,527,948	141,773,502	1,614,434
SUBTOTAL	554	670,889,633	1,373,967,980	15,113,191
Baccalaureate (Liberal Arts) Universities and Colleges I and II:				
Elizabeth City	35	22,939,887	53,164,157	559,995
UNC-Asheville	20	39,519,634	61,605,119	681,410
Winston-Salem	22	39,882,022	73,443,388	808,717
SUBTOTAL	77	102,341,543	188,212,664	2,050,122

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Schools of Art, Music, and Design:				
NC Sch. of Arts	17	$ 24,816,304	$ 58,534,593	532,844
Teaching Hospitals:				
UNC Hosp. at C.H.	25	98,531,985	196,450,150	1,544,992
Community Colleges:				
SUBTOTAL	908	620,975,276	1,206,826,513	15,396,668
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	316	782,361,529	2,310,852,688	16,324,548
Gen. Baccalaureate Colleges:				
SUBTOTAL	788	323,494,661	971,635,781	11,561,674
Junior Colleges:				
SUBTOTAL	17	8,285,889	24,190,088	281,147
GRAND TOTAL	3,791	$3,571,451,950	$8,681,313,357	83,980,112

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	12	$ 14,333,403	$ 26,582,988	261,942
Anson CC	6	1,886,292	3,757,156	54,875
Asheville-Bun. TCC	20	22,229,333	40,146,826	492,002
Beaufort Co. CC	9	7,963,608	13,317,127	178,373
Bladen CC	23	4,412,290	9,476,588	128,417
Blue Ridge CC	13	17,465,474	24,606,578	337,995
Brunswick CC	10	10,178,790	14,156,234	167,069
Caldwell CC & TI	16	14,956,846	27,717,283	297,118
Cape Fear CC	12	5,712,637	22,962,756	271,117
Carteret CC	15	6,655,404	14,971,809	161,023
Catawba Vy. CC	17	9,304,058	24,786,045	307,892
C. Carolina CC	19	14,161,272	27,676,045	309,801
C. Piedmont CC	43	34,240,492	85,257,994	1,470,756
Cleveland CC	11	9,031,801	15,786,899	193,201
Coastal Car. CC	14	15,747,357	25,965,912	277,026
Col. Albemarle	14	8,027,840	17,712,713	205,280
Craven CC	14	6,757,343	12,849,341	156,586
Davidson Co. CC	18	16,236,453	27,525,213	339,729
Durham TCC	13	11,697,657	23,164,625	289,757
Edgecombe CC	9	6,844,700	13,782,773	184,044
Fayetteville TCC	23	21,214,848	39,441,536	563,900
Forsyth TCC	19	16,833,943	40,675,974	520,374
Gaston Col.	32	14,995,593	31,414,486	376,108
Guilford TCC	28	30,383,799	63,116,739	750,823
Halifax CC	10	8,062,352	11,598,463	175,421
Haywood CC	32	12,304,704	20,667,105	293,994
Isothermal CC	15	8,478,885	16,712,382	220,057
J. Sprunt CC	15	3,191,461	8,531,476	121,297
Johnston CC	10	9,739,263	16,777,043	214,227
Lenoir CC	23	7,626,035	20,128,632	290,640

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	12	4,891,455	11,793,988	229,431
Mayland CC	9	7,474,482	11,363,837	111,893
McDowell TCC	8	6,081,814	10,890,581	116,814
Mitchell CC	20	4,709,528	18,270,478	256,123
Montgomery CC	10	2,521,126	4,922,501	76,348
Nash CC	7	7,338,179	11,061,538	157,799
Pamlico CC	4	1,528,200	4,195,125	40,198
Piedmont CC	11	6,974,683	11,761,531	128,750
Pitt CC	30	15,467,942	24,378,969	274,561
Randolph CC	21	11,483,650	19,580,609	249,564
Richmond CC	9	4,984,574	12,622,477	156,639
Roanoke-Cho. CC	8	5,165,869	10,596,395	135,921
Robeson CC	16	9,331,650	15,649,041	188,638
Rockingham CC	16	12,296,785	24,761,838	311,927
Rowan-Cab. CC	10	10,304,599	21,944,749	272,715
Sampson CC	9	4,797,302	8,433,315	117,646
Sandhills CC	25	9,971,467	20,934,732	268,544
Southeastern CC	15	5,387,404	13,574,345	179,709
Southwestern CC	11	11,789,721	18,021,828	222,203
Stanly CC	10	5,836,000	11,545,354	144,329
Surry CC	12	10,426,615	18,788,172	247,238
Tri-County CC	15	3,925,673	8,304,506	103,973
Vance-Granv. CC	14	9,787,958	21,159,239	234,138
Wake TCC	22	25,312,913	42,253,587	532,039
Wayne CC	14	26,045,601	31,643,392	336,428
W. Piedmont CC	16	12,341,581	21,728,011	234,143
Wilkes CC	26	8,373,130	20,152,358	279,683
Wilson TCC	13	5,751,442	15,227,276	178,430
TOTAL	908	$620,975,276	$1,206,826,513	15,396,668

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	85	$ 30,208,825	$ 150,691,446	1,831,238
NC State Vet.	-	-	-	-
UNC-Chapel Hill	42	27,139,065	209,986,871	1,903,878
UNC-Health Aff.	-	-	-	-
SUBTOTAL	127	57,347,890	360,678,317	3,735,116
Doctoral Universities I:				
UNC-Greensboro	25	19,402,800	75,972,674	996,182
Master's (Comprehensive) Universities and Colleges I:				
Appalachian	27	29,560,101	84,550,180	1,054,408
East Carolina	17	14,142,200	81,155,673	1,035,337
ECU-Health Aff.	-	-	-	-
Fayetteville	10	7,117,600	22,830,762	286,954
NC A & T	20	5,986,586	42,117,001	540,685
NC Central	11	5,584,900	35,697,705	459,040
UNC-Charlotte	12	33,239,823	71,430,378	950,833
UNC-Pembroke	7	2,633,000	13,176,106	167,549
UNC-Wilmington	28	18,003,882	34,070,772	415,652
West'n Carolina	21	11,409,250	54,763,939	740,896
SUBTOTAL	153	127,677,342	439,792,516	5,651,354
Baccalaureate (Liberal Arts) Universities and Colleges I and II:				
Elizabeth City	25	8,110,419	22,622,582	282,922
UNC-Asheville	13	12,435,943	19,127,500	229,757
Winston-Salem	8	9,894,875	20,377,576	272,017
SUBTOTAL	46	30,441,237	62,127,658	784,696

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Schools of Art, Music and Design:				
NC Sch. of Arts	15	$ 3,508,000	$ 10,618,565	139,624
Teaching Hospitals:				
UNC Hosp. at C.H.	-	-	-	-
Community Colleges:				
SUBTOTAL	3	138,000	917,792	10,295
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	138	63,268,182	456,343,307	2,468,101
Gen. Baccalaureate Colleges:				
SUBTOTAL	649	143,635,995	521,969,839	6,679,950
Junior Colleges:				
SUBTOTAL	9	2,021,900	12,694,869	152,772
GRAND TOTAL	1,165	$447,441,346	$1,941,115,537	20,618,090

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 10,987	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	352,478	4,278
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	554,327	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	3	$ 138,000	$ 917,792	10,295

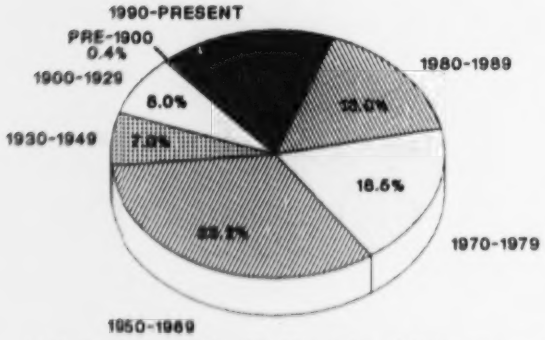
TABLE 21:

AGE OF BUILDINGS

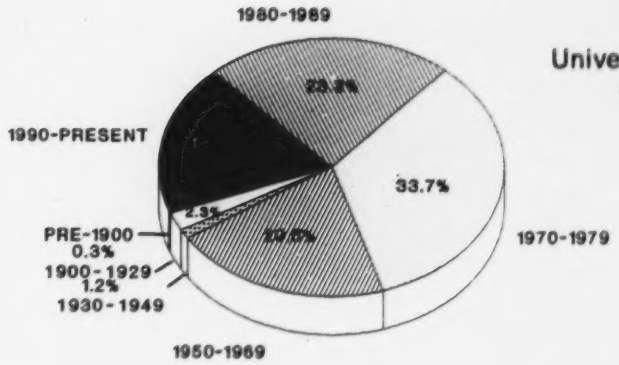
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

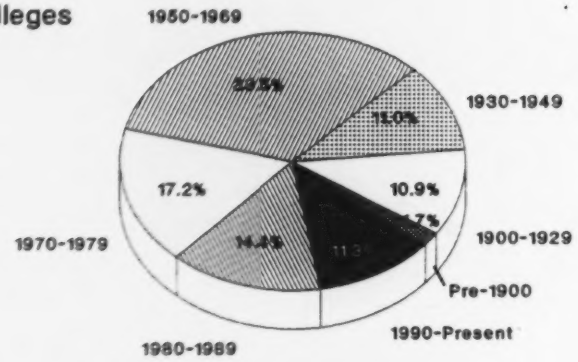
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

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Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-1989 Gross Sq. Ft.	1990-Present Gross Sq. Ft.
Research Universities I:								
NC State	10,196,124	48,564	954,500	1,118,708	3,551,338	1,667,649	1,056,933	1,798,432
NC State Vet.	409,732	-	-	28,559	7,725	3,509	360,673	9,266
UNC-Chapel Hill	7,870,767	123,808	1,557,873	835,891	2,465,073	576,275	1,431,653	880,194
UNC-Health Aff.	3,847,805	-	-	139,364	825,686	1,421,542	266,961	1,194,252
SUBTOTAL	22,324,428	172,372	2,512,373	2,122,522	6,849,822	3,668,975	3,116,220	3,882,144
Doctoral Universities I:								
UNC-Greensboro	3,581,796	31,100	662,193	228,587	902,909	689,938	356,016	711,053
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	3,160,654	-	71,326	132,263	1,529,155	670,202	308,272	449,436
East Carolina	3,441,978	-	326,082	178,650	1,796,422	533,736	270,145	336,943
ECU-Health Aff.	853,365	-	-	-	75,649	107,693	572,249	97,774
Fayetteville	1,053,131	-	21,642	129,538	288,696	192,871	201,240	219,144
NC A & T	2,268,794	-	87,697	155,758	1,188,720	301,161	380,499	154,959
NC Central	1,541,557	-	36,379	224,242	798,008	168,152	311,654	3,122
UNC-Charlotte	3,725,414	-	-	-	572,310	1,026,471	724,950	1,401,683
UNC-Pembroke	758,397	-	-	-	320,511	318,893	69,827	49,166
UNC-Wilmington	1,605,925	-	9,000	12,250	234,802	509,674	650,009	190,190
West'n Carolina	2,355,330	363	56,107	183,254	1,036,222	582,013	428,212	69,159
SUBTOTAL	20,764,545	363	608,233	1,015,955	7,840,495	4,410,866	3,917,057	2,971,576
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	842,917	-	91,377	57,955	265,132	148,883	171,193	108,377
UNC-Asheville	911,167	-	5,797	-	307,046	96,220	227,845	274,259
Winston-Salem	1,080,734	-	71,407	56,786	284,557	277,422	80,471	310,091
SUBTOTAL	2,834,818	-	168,581	114,741	856,735	522,525	479,509	692,727
Schools of Art, Music, and Design:								
NC Sch. of Arts	672,468	-	170,063	95,302	176,663	113,629	54,775	62,036
Teaching Hospitals:								
UNC Hosp. at C.H.	1,544,992	-	-	51,256	569,995	158,059	372,528	393,154
Community Colleges:								
SUBTOTAL	15,406,963	50,184	349,699	177,862	3,163,398	5,199,792	3,591,584	2,874,444
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	18,792,649	35,728	1,481,976	2,342,711	4,049,808	4,372,680	3,601,760	2,907,986
Gen. Baccalaureate Colleges:								
SUBTOTAL	18,241,624	573,041	2,512,121	1,771,362	8,339,626	2,021,971	1,703,215	1,320,288
Junior Colleges:								
SUBTOTAL	433,919	27,673	81,360	15,089	173,371	41,696	94,730	-
GRAND TOTAL	104,598,202	890,461	8,546,599	7,935,387	32,922,822	21,200,131	17,287,394	15,815,408

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-1989 Gross Sq. Ft.	1990-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	262,614	-	28,804	-	3,700	116,156	62,745	51,209
Anson CC	54,875	8,689	-	-	-	24,912	21,274	-
Asheville-Bun. TCC	492,002	7,797	3,785	10,411	123,648	65,513	172,453	108,395
Beaufort Co. CC	178,373	-	-	-	-	100,657	31,881	45,835
Bladen CC	128,417	-	-	2,520	7,170	75,845	26,800	16,082
Blue Ridge CC	337,995	-	-	-	26,212	90,076	56,537	165,170
Brunswick CC	167,069	-	-	9,708	22,989	-	99,362	35,010
Caldwell CC & TI	297,118	-	-	-	69,119	99,989	48,400	79,610
Cape Fear CC	271,117	-	25,444	-	49,540	166,109	5,488	24,536
Carteret CC	161,023	-	-	18,000	40,814	52,377	18,643	31,189
Catawba Vy. CC	307,892	-	-	1,650	79,071	153,864	73,307	-
C. Carolina CC	309,801	-	-	14,250	67,102	32,400	69,202	126,847
C. Piedmont CC	1,470,756	-	106,968	46,888	334,422	603,996	195,983	182,499
Cleveland CC	193,201	-	-	-	1,875	44,921	141,145	5,260
Coastal Car. CC	277,026	-	-	-	-	171,513	44,849	60,664
Col. Albemarle	205,280	-	-	5,268	21,120	54,769	124,123	-
Craven CC	156,586	-	-	-	-	73,770	40,004	42,812
Davidson Co. CC	339,729	-	-	-	90,186	95,766	26,226	127,551
Durham TCC	289,757	-	-	-	103,045	50,082	95,680	40,950
Edgecombe CC	184,044	-	37,209	-	-	61,629	57,506	27,700
Fayettev'le TCC	563,900	-	-	-	166,963	126,811	100,717	169,409
Forsyth TCC	520,374	-	-	-	238,554	65,331	92,266	124,223
Gaston Col.	376,108	-	-	-	157,580	107,325	40,408	70,795
Guilford TCC	755,101	1,931	44,081	10,850	211,075	228,443	107,912	150,809
Halifax CC	176,421	-	-	-	-	79,607	29,618	66,196
Haywood CC	293,994	-	-	-	25,972	142,764	42,821	82,437
Isothermal CC	220,057	-	-	-	57,962	119,876	42,219	-
J. Sprunt CC	121,297	-	-	3,040	24,245	76,630	15,665	1,717
Johnston CC	214,227	-	-	-	-	86,523	106,378	21,326
Lenoir CC	290,640	-	-	-	74,816	169,643	34,488	11,693
Martin CC	224,431	-	-	-	-	144,151	19,440	65,840
Mayland CC	111,893	-	-	-	-	35,851	30,087	45,955
McDowell TCC	116,814	-	5,777	-	30,104	35,739	26,244	18,950
Mitchell CC	256,123	31,767	88,006	27,943	32,819	75,588	-	-
Montgomery CC	76,348	-	-	-	2,360	64,090	5,696	4,202
Nash CC	187,799	-	-	-	-	87,474	70,325	-
Pamlico CC	40,198	-	-	-	-	40,198	-	-
Piedmont CC	128,750	-	-	-	-	88,429	40,321	-
Pitt CC	274,561	-	-	-	78,185	42,146	40,009	114,221
Randolph CC	249,564	-	-	-	44,567	98,677	60,157	46,163
Richmond CC	156,639	-	-	9,000	56,560	34,785	56,294	-
Roanoke-Cho. CC	135,921	-	-	-	8,379	51,624	62,918	13,000
Robeson CC	188,638	-	-	-	-	74,419	108,824	5,395
Rockingham CC	311,927	-	-	-	148,238	63,909	57,270	42,510
Rowan-Cab. CC	272,715	-	9,625	-	82,904	80,020	-	100,166
Sampson CC	117,646	-	-	-	2,381	51,865	63,400	-
Sandhills CC	273,889	-	-	-	127,525	63,491	82,873	-
Southeastern CC	179,709	-	-	-	77,323	66,014	18,448	17,924
Southwestern CC	222,203	-	-	-	-	75,826	115,336	31,041
Stanly CC	144,329	-	-	-	14,131	49,951	38,647	41,600
Surry CC	247,238	-	-	-	66,452	100,254	15,370	65,162
Tri-County CC	103,973	-	-	18,334	9,720	17,520	58,399	-
Vance-Granv. CC	234,138	-	-	-	3,069	143,832	63,737	23,500
Wake TCC	532,039	-	-	-	95,886	103,471	171,451	161,231
Wayne CC	336,428	-	-	-	14,193	27,949	149,959	144,327
W. Piedmont CC	234,143	-	-	-	72,716	54,469	67,928	39,030
Wilkes CC	279,683	-	-	-	107,382	80,941	77,227	14,133
Wilson TCC	178,430	-	-	-	91,324	9,812	67,124	10,170
TOTAL	15,406,963	50,184	349,699	177,862	3,163,398	5,199,792	3,591,584	2,874,444

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TABLE 22:

CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The Facilities Condition Assessment Program (FCAP), a recurring baseline study of condition of facilities over 3,000 GSF for the institutions of the University of North Carolina and the N.C. Community College System, provides a precise assessment of dollar deficiencies for buildings and other assets. This study is conducted by the N.C. State Construction Office on a three-year cycle for the UNC institutions. Figures are generated for both appropriated (fund) and non-appropriated facilities.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. **Definition**. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. **Description**. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. This category takes precedence over categories 1-4. If a building is scheduled for demolition, its condition code is recorded as "5-Demolition," regardless of its condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacating of leased space. This category takes precedence over categories 1-4. If a building is scheduled for termination, its condition code is recorded as "6-Termination," regardless of its condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Research Universities I:													
NC State	4,489,706	44.0	2,450,829	24.0	2,637,332	25.9	556,264	5.5	61,577	0.6	416	<0.1	10,196,124
NC State Vet.	13,986	3.4	347,192	84.7	46,721	11.4	1,833	0.4	-	-	-	-	409,732
UNC-Chapel Hill	4,499,568	57.2	2,256,765	28.7	736,622	9.4	253,620	3.2	120,801	1.5	3,391	<0.1	7,870,767
UNC-Health Aff.	2,990,691	77.7	491,430	12.8	248,659	6.5	6,691	0.2	10,835	0.3	99,499	2.6	3,847,805
SUBTOTAL	11,993,951	53.7	5,546,216	24.8	3,669,334	16.4	818,408	3.7	193,213	0.9	103,306	0.5	22,324,428
Doctoral Universities I:													
UNC-Greensboro	1,304,262	36.4	746,469	20.8	865,170	24.2	657,566	18.4	-	-	8,329	0.2	3,581,796
Master's (Comprehensive) Universities and Colleges I:													
Appalachian	2,698,212	85.4	349,184	11.0	113,258	3.6	-	-	-	-	-	-	3,160,654
East Carolina	1,035,087	30.1	756,110	22.0	1,027,046	29.8	620,209	18.0	3,526	0.1	-	-	3,441,978
ECU-Health Aff.	759,742	89.0	32,611	3.8	59,762	7.0	-	-	-	-	1,250	0.1	853,365
Fayetteville	905,472	86.0	87,236	8.3	60,423	5.7	-	-	-	-	-	-	1,053,131
NC A & T	386,568	17.0	553,277	24.4	653,977	28.8	662,184	29.2	12,788	0.6	-	-	2,268,794
NC Central	1,103,469	71.6	132,131	8.6	117,699	7.6	181,879	11.8	6,379	0.4	-	-	1,541,557
UNC-Charlotte	3,495,651	93.8	229,763	6.2	-	-	-	-	-	-	-	-	3,725,414
UNC-Pembroke	559,331	73.8	151,762	20.0	20,000	2.6	27,304	3.6	-	-	-	-	758,397
UNC-Wilmington	1,595,597	99.4	9,328	0.6	-	-	1,000	0.1	-	-	-	-	1,605,925
West'n Carolina	1,106,785	47.0	867,821	36.8	259,258	11.0	121,466	5.2	-	-	-	-	2,355,330
SUBTOTAL	13,645,914	65.7	3,169,223	15.3	2,311,423	11.1	1,614,042	7.8	22,693	0.1	1,250	<0.1	20,764,545
Baccalaureate (Liberal Arts) Universities and Colleges I and II:													
Elizabeth City	442,604	52.5	245,677	29.1	136,536	16.2	18,100	2.1	-	-	-	-	842,917
UNC-Asheville	514,473	56.5	102,017	11.2	146,134	16.0	148,543	16.3	-	-	-	-	911,167
Winston-Salem	291,156	26.9	532,195	49.2	147,744	13.7	75,516	7.0	34,123	3.2	-	-	1,080,734
SUBTOTAL	1,248,233	44.0	879,889	31.0	430,414	15.2	242,159	8.5	34,123	1.2	-	-	2,834,818
Schools of Art, Music, and Design:													
NC Sch. of Arts	627,370	93.3	30,528	4.5	-	-	14,570	2.2	-	-	-	-	672,468
Teaching Hospitals:													
UNC Hosp. at C. H.	1,544,992	100.0	-	-	-	-	-	-	-	-	-	-	1,544,992
Community Colleges:													
SUBTOTAL	13,633,044	88.5	1,296,581	8.4	215,632	1.4	223,838	1.5	10,584	0.1	27,284	0.2	15,406,963
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	18,622,914	99.1	104,892	0.6	51,408	0.3	4,753	<0.1	8,682	<0.1	-	-	18,792,649
Gen. Baccalaureate Colleges:													
SUBTOTAL	15,984,241	87.6	1,180,993	6.5	413,401	2.3	628,778	3.4	11,642	0.1	22,569	0.1	18,241,624
Junior Colleges:													
SUBTOTAL	418,830	96.5	7,767	1.8	-	-	-	-	7,322	1.7	-	-	433,919
GRAND TOTAL	79,023,751	75.5	12,962,558	12.4	7,956,782	7.6	4,204,114	4.0	288,259	0.3	162,738	0.2	104,598,202

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Community Colleges:													
Alamance CC	233,810	89.0	28,804	11.0	-	-	-	-	-	-	-	-	262,614
Anson CC	21,274	38.8	8,689	15.8	24,912	45.4	-	-	-	-	-	-	54,875
Asheville-Bun. TCC	472,917	96.1	792	0.2	7,797	1.6	10,496	2.1	-	-	-	-	492,002
Beaufort Co. CC	178,373	100.0	-	-	-	-	-	-	-	-	-	-	178,373
Bladen CC	120,344	93.7	4,261	3.3	-	-	3,812	3.0	-	-	-	-	128,417
Blue Ridge CC	337,995	100.0	-	-	-	-	-	-	-	-	-	-	337,995
Brunswick CC	134,372	80.4	3,732	2.2	20,314	12.2	-	-	5,976	3.6	2,675	1.6	167,069
Caldwell CC & TI	294,736	99.2	2,382	0.8	-	-	-	-	-	-	-	-	297,118
Cape Fear CC	257,857	95.1	-	-	13,260	4.9	-	-	-	-	-	-	271,117
Carteret CC	99,509	61.8	46,181	28.7	5,150	3.2	8,847	5.5	1,336	0.8	-	-	161,023
Catawba Vy. CC	307,892	100.0	-	-	-	-	-	-	-	-	-	-	307,892
C. Carolina CC	295,551	95.4	14,250	4.6	-	-	-	-	-	-	-	-	309,801
C. Piedmont CC	552,987	37.6	892,851	60.7	24,918	1.7	-	-	-	-	-	-	1,470,756
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-	-	-	193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-	-	-	277,026
Col. Albemarle	198,212	96.6	-	-	-	-	7,068	3.4	-	-	-	-	205,280
Craven CC	156,586	100.0	-	-	-	-	-	-	-	-	-	-	156,586
Davidson Co. CC	339,729	100.0	-	-	-	-	-	-	-	-	-	-	339,729
Durham TCC	198,032	68.3	38,016	13.1	-	-	53,709	18.5	-	-	-	-	289,757
Edgecombe CC	184,044	100.0	-	-	-	-	-	-	-	-	-	-	184,044
Fayettev'le TCC	549,541	97.5	7,399	1.3	6,960	1.2	-	-	-	-	-	-	563,900
Forsyth TCC	441,884	84.9	78,490	15.1	-	-	-	-	-	-	-	-	520,374
Gaston Col.	376,108	100.0	-	-	-	-	-	-	-	-	-	-	376,108
Guilford TCC	755,101	100.0	-	-	-	-	-	-	-	-	-	-	755,101
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-	-	-	175,421
Haywood CC	249,518	84.9	41,900	14.3	-	-	-	-	416	0.1	2,160	0.7	293,994
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	118,753	97.9	-	-	-	-	1,272	1.0	1,272	1.0	-	-	121,297
Johnston CC	214,227	100.0	-	-	-	-	-	-	-	-	-	-	214,227
Lenoir CC	290,640	100.0	-	-	-	-	-	-	-	-	-	-	290,640
Martin CC	217,105	94.6	-	-	-	-	12,326	5.4	-	-	-	-	229,431
Mayland CC	111,893	100.0	-	-	-	-	-	-	-	-	-	-	111,893
McDowell TCC	116,814	100.0	-	-	-	-	-	-	-	-	-	-	116,814
Mitchell CC	15,006	5.9	22,747	8.9	102,862	40.2	115,508	45.1	-	-	-	-	256,123
Montgomery CC	76,348	100.0	-	-	-	-	-	-	-	-	-	-	76,348
Nash CC	157,079	99.5	-	-	-	-	-	-	720	0.5	-	-	157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	128,750	100.0	-	-	-	-	-	-	-	-	-	-	128,750
Pitt CC	266,305	97.0	-	-	-	-	-	-	-	-	8,256	3.0	274,561
Randolph CC	249,564	100.0	-	-	-	-	-	-	-	-	-	-	249,564
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Cho. CC	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson CC	188,638	100.0	-	-	-	-	-	-	-	-	-	-	188,638
Rockingham CC	311,927	100.0	-	-	-	-	-	-	-	-	-	-	311,927
Rowan-Cab. CC	272,715	100.0	-	-	-	-	-	-	-	-	-	-	272,715
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	-	-	117,646
Sandhills CC	162,484	59.3	106,087	38.7	2,918	1.1	2,400	0.9	-	-	-	-	273,889
Southeastern CC	179,709	100.0	-	-	-	-	-	-	-	-	-	-	179,709
Southwestern CC	222,203	100.0	-	-	-	-	-	-	-	-	-	-	222,203
Stanly CC	144,329	100.0	-	-	-	-	-	-	-	-	-	-	144,329
Surry CC	247,238	100.0	-	-	-	-	-	-	-	-	-	-	247,238
Tri-County CC	88,168	84.8	-	-	6,541	6.3	8,400	8.1	864	0.8	-	-	103,973
Vance-Granv. CC	234,138	100.0	-	-	-	-	-	-	-	-	-	-	234,138
Wake TCC	532,039	100.0	-	-	-	-	-	-	-	-	-	-	532,039
Wayne CC	322,235	95.8	-	-	-	-	-	-	-	-	14,193	4.2	336,428
W. Piedmont CC	234,143	100.0	-	-	-	-	-	-	-	-	-	-	234,143
Wilkes CC	279,683	100.0	-	-	-	-	-	-	-	-	-	-	279,683
Wilson TCC	178,430	100.0	-	-	-	-	-	-	-	-	-	-	178,430
TOTAL	13,633,044	88.5	1,296,581	8.4	215,632	1.4	223,838	1.5	10,584	0.1	27,284	0.2	15,406,963

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TABLE 23:

ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities was estimated in 1989 at over $60 billion.* That figure is generally considered to be significantly higher today.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table. The Facilities Condition Assessment Program (FCAP), conducted by the N.C. State Construction Office, provides more precise dollar deficiency figures for campus buildings over 3,000 GSF (see page 156).

*Association of Physical Plant Administrators of Universities and Colleges. The Decaying American Campus: A Ticking Time Bomb, 1989.

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Research Universities I:			
NC State	$ 327,389,334	864,869,449	$170,382,347
NC State Vet.	24,744,291	40,050,804	8,278,332
UNC-Chapel Hill	330,889,279	1,069,666,922	152,875,472
UNC-Health Aff.	233,935,236	548,245,686	45,347,201
SUBTOTAL	916,958,140	2,522,832,861	376,883,352
Doctoral Universities I:			
UNC-Greensboro	99,547,680	264,461,030	77,765,250
Master's (Comprehensive) Universities and Colleges I:			
Appalachian	127,700,689	280,729,550	8,821,815
East Carolina	115,928,869	302,232,002	84,879,294
ECU-Health Aff.	45,523,192	82,810,400	2,882,420
Fayetteville	46,130,886	93,881,844	3,069,181
NC A & T	68,918,161	199,546,216	72,323,017
NC Central	40,198,975	129,736,275	17,762,090
UNC-Charlotte	173,066,265	308,000,396	4,569,748
UNC-Pembroke	30,624,355	68,448,540	5,003,549
UNC-Wilmington	84,538,385	151,837,832	264,017
West'n Carolina	65,937,198	196,537,441	29,691,178
SUBTOTAL	798,566,975	1,813,760,496	229,266,309
Baccalaureate (Liberal Arts) Universities and Colleges I and II:			
Elizabeth City	31,050,306	75,786,739	9,694,877
UNC-Asheville	51,955,577	80,732,619	14,109,294
Winston-Salem	49,776,897	93,820,964	20,495,593
SUBTOTAL	132,782,780	250,340,322	44,299,764

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Schools of Art, Music, and Design:			
NC Sch. of Arts	$ 28,324,304	69,153,158	$ 1,196,915
Teaching Hospitals:			
UNC Hosp. at C.H.	98,531,985	196,450,150	-
Community Colleges:			
SUBTOTAL	621,113,276	1,207,744,305	33,937,047
		PRIVATE INSTITUTIONS	
Major Research Universities:			
SUBTOTAL	845,629,711	2,587,447,252	9,115,069
Gen. Baccalaureate Colleges:			
SUBTOTAL	467,130,656	1,493,605,620	50,806,777
Junior Colleges:			
SUBTOTAL	10,307,789	36,884,957	224,595
GRAND TOTAL	$4,018,893,296	$10,442,680,151	$823,495,078

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 14,337,403	$ 26,593,975	$ 391,957
Anson CC	1,886,292	3,757,156	807,929
Ashev'le-Bun. TCC	22,229,333	40,146,826	563,652
Beaufort Co. CC	7,963,608	13,317,127	-
Bladen CC	4,412,290	9,476,588	165,650
Blue Ridge CC	17,465,474	24,606,578	-
Brunswick CC	10,178,790	14,156,234	1,201,199
Caldwell CC & TI	14,956,846	27,717,283	48,013
Cape Fear CC	5,712,637	22,962,756	349,378
Carteret CC	6,655,404	14,971,809	1,396,565
Catawba Vy. CC	9,304,058	24,786,045	-
C. Carolina CC	14,161,272	27,676,045	155,907
C. Piedmont CC	34,240,492	85,257,994	9,642,548
Cleveland CC	9,031,801	15,786,899	-
Coastal Car. CC	15,747,357	25,965,912	-
Col. Albemarle	8,027,840	17,712,713	384,455
Craven CC	6,757,343	12,849,341	-
Davidson Co. CC	16,236,453	27,525,213	-
Durham TCC	11,697,657	23,164,625	3,560,614
Edgecombe CC	6,844,700	13,782,773	-
Fayettev'le TCC	21,214,848	39,441,536	55,763
Forsyth TCC	16,833,943	40,675,974	1,280,795
Gaston Col.	14,995,593	31,414,486	-
Guilford TCC	30,465,799	63,469,217	-
Halifax CC	8,062,352	11,598,463	-
Haywood CC	12,304,704	20,667,105	747,532
Isothermal CC	8,478,885	16,712,382	-
J. Sprunt CC	3,191,461	8,531,476	49,842
Johnston CC	9,739,263	16,777,043	-
Lenoir CC	7,626,035	20,128,632	-

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	4,891,455	11,793,988	562,764
Mayland CC	7,474,482	11,363,837	-
McDowell TCC	6,081,814	10,890,581	-
Mitchell CC	4,709,528	18,270,478	9,513,620
Montgomery CC	2,521,126	4,922,501	-
Nash CC	7,338,179	11,061,538	24,881
Pamlico CC	1,528,200	4,195,125	-
Piedmont CC	6,974,683	11,761,531	-
Pitt CC	15,467,942	24,378,969	245,096
Randolph CC	11,483,650	19,580,609	-
Richmond CC	4,984,574	12,622,477	-
Roanoke-Cho. CC	5,165,869	10,596,395	-
Robeson CC	9,331,650	15,649,041	-
Rockingham CC	12,296,785	24,761,838	-
Rowan-Cab. CC	10,304,599	21,944,749	-
Sampson CC	4,797,302	8,433,315	-
Sandhills CC	10,023,467	21,489,059	1,764,403
Southeastern CC	5,387,404	13,574,345	-
Southwestern CC	11,789,721	18,021,828	-
Stanly CC	5,836,000	11,545,354	-
Surry CC	10,426,615	18,788,172	-
Tri-County CC	3,925,673	8,304,506	649,270
Vance-Granv. CC	9,787,958	21,159,239	-
Wake TCC	25,312,913	42,253,587	-
Wayne CC	26,045,601	31,643,392	375,214
W. Piedmont CC	12,341,581	21,728,011	-
Wilkes CC	8,373,130	20,152,358	-
Wilson TCC	5,751,442	15,227,276	-
TOTAL	$621,113,276	$1,207,744,305	$33,937,047

David W. Sink, Jr. Building, Blue Ridge Community College

Blue Ridge Community College's latest campus addition, named in honor of its current President, continues its tradition of total campus accessibility for the mobility impaired. The new $5.8 million, 63,100-square-foot facility provides much needed classroom, laboratory, and office space for the rapidly growing campus. The College is currently raising funds to complete the Royce Phelps "Bo" Thomas Memorial Auditorium, which will be an integral component of this major instructional facility.

The new Sink Building provides totally accessible housing for the College's allied health programs in Associate Degree Nursing, Surgical Technology, Health Unit Coordination, Pharmacy Technology, Certified Nursing Assistant, and Emergency Medical Technician. The Early Childhood Associate curriculum program, with its accompanying modern Child Development Center, and the Cosmetology program are also accommodated in the new facility. The entire Office for Student Services anchors the building by providing all student support services and serving as the reception center of the College.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable	169
Accessible Area by Programs and Subprograms	175
Accessible Area by Room Code	193

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TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act stated that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The more recent 1990 Americans with Disabilities Act (ADA) reinforced this guideline while providing a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

One of the groups protected by both pieces of legislation is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier-free, they do require that an institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country has improved dramatically.

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1997	1996	1995	1994	1993
Research Universities I:							
NC State	6,177,076	3,562,597	57.7	58.9	57.9	60.0	59.4
NC State Vet.	267,531	215,834	80.7	80.1	80.1	86.0	87.6
UNC-Chapel Hill	5,008,065	1,980,845	39.6	63.8	63.6	63.1	63.0
UNC-Health Aff.	1,620,861	1,049,853	64.8	95.3	95.4	94.6	95.0
SUBTOTAL	13,073,533	6,809,129	52.1	65.8	65.1	66.3	66.1
Doctoral Universities I:							
UNC-Greensboro	1,947,204	1,303,020	66.9	67.3	67.4	67.2	64.7
Master's (Comprehensive) Universities and Colleges I:							
Appalachian	2,133,104	1,359,095	63.7	63.8	62.1	58.2	58.3
East Carolina	2,413,118	1,735,284	71.9	72.4	68.2	65.9	64.6
ECU-Health Aff.	563,788	529,140	93.9	94.0	93.7	94.3	94.2
Fayetteville	692,189	383,974	55.5	56.8	56.8	52.2	51.7
NC A & T	1,579,667	1,241,982	78.6	78.6	78.5	78.5	78.4
NC Central	1,012,760	742,509	73.3	72.9	72.2	72.0	72.0
UNC-Charlotte	1,927,914	1,699,009	88.1	87.1	86.5	86.4	86.7
UNC-Pembroke	514,263	383,712	74.6	72.2	69.6	68.7	68.6
UNC-Wilmington	1,085,258	678,462	62.5	61.3	57.5	56.5	54.7
West'n Carolina	1,593,013	1,120,607	70.3	70.5	69.3	68.8	68.4
SUBTOTAL	13,515,074	9,873,774	73.1	72.7	70.9	69.6	69.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II:							
Elizabeth City	588,636	430,543	73.1	73.1	73.1	73.1	70.6
UNC-Asheville	585,321	513,738	87.8	86.0	86.2	85.8	85.9
Winston-Salem	687,942	484,895	70.5	68.3	66.1	65.2	61.5
SUBTOTAL	1,861,899	1,429,176	76.8	75.0	74.5	73.8	71.1

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1997	1996	1995	1994	1993
Schools of Art, Music, and Design:							
NC Sch. of Arts	456,565	343,927	75.3	70.5	72.6	72.6	72.6
Teaching Hospitals:							
UNC Hosp. at C.H.	876,156	873,055	99.6	99.4	99.1	99.1	99.2
Community Colleges:							
SUBTOTAL	10,542,213	10,013,955	95.0	94.9	94.6	94.5	94.2
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	9,393,139	7,001,773	74.5	72.7	72.5	68.7	67.4
Gen. Baccalaureate Colleges:							
SUBTOTAL	12,904,030	6,053,366	46.9	46.6	45.8	44.7	44.0
Junior Colleges:							
SUBTOTAL	294,493	111,694	37.9	45.8	45.4	49.3	48.9
GRAND TOTAL	64,864,306	43,812,869	67.5	69.6	68.7	67.9	67.2

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1997	1996	1995	1994	1993
Community Colleges:							
Alamance CC	177,920	174,973	98.3	98.4	98.0	99.4	99.4
Anson CC	39,793	34,699	87.2	87.2	85.6	85.6	86.2
Ashev'le-Bun. TCC	331,175	311,938	94.2	93.4	93.4	92.9	92.9
Beaufort Co. CC	130,943	127,195	97.1	97.2	97.0	97.0	96.0
Bladen CC	98,838	95,807	96.9	96.3	95.9	95.9	95.9
Blue Ridge CC	258,567	257,805	99.7	99.5	99.5	99.5	99.7
Brunswick CC	115,310	105,958	91.9	91.9	91.9	91.9	91.9
Caldwell CC & TI	221,401	201,046	90.8	90.6	90.6	90.6	90.1
Cape Fear CC	182,508	175,495	96.2	97.9	97.9	97.5	97.5
Carteret CC	118,991	106,848	89.8	86.2	84.8	84.5	83.7
Catawba Vy. CC	227,426	218,694	96.2	96.2	96.2	96.2	95.7
C. Carolina CC	220,690	216,650	98.2	98.1	97.8	97.8	97.8
C. Piedmont CC	605,573	581,730	96.1	96.0	95.0	96.0	95.1
Cleveland CC	136,791	134,145	98.1	98.1	98.7	98.7	98.7
Coastal Car. CC	194,926	194,926	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	135,500	135,400	99.9	99.9	99.9	99.9	99.9
Craven CC	109,430	108,970	99.6	99.6	99.6	99.6	99.6
Davidson Co. CC	230,116	223,448	97.1	98.0	98.0	98.0	98.4
Durham TCC	202,538	201,392	99.4	99.4	99.4	99.4	94.1
Edgecombe CC	125,829	106,738	84.8	84.9	84.0	84.0	84.0
Fayettev'le TCC	398,548	372,983	93.6	92.8	92.8	93.1	93.1
Forsyth TCC	362,902	357,333	98.5	98.5	98.4	98.5	98.5
Gaston Col.	261,132	229,782	88.0	88.6	87.6	84.9	86.2
Guilford TCC	530,727	484,641	91.3	91.0	87.5	87.5	85.7
Halifax CC	125,122	124,398	99.4	99.4	99.4	99.3	99.3
Haywood CC	226,984	208,365	91.8	91.5	91.5	91.5	91.5
Isothermal CC	169,036	150,754	89.2	89.2	89.2	88.4	88.4
J. Sprunt CC	90,467	83,988	92.8	92.8	92.8	93.4	93.2
Johnston CC	160,671	159,041	99.0	99.0	99.0	98.9	98.9
Lenoir CC	214,808	205,026	95.4	96.7	98.4	98.4	98.3

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1997	1996	1995	1994	1993
Community Colleges:							
Martin CC	175,925	135,997	77.3	76.7	84.1	84.1	83.8
Mayland CC	79,933	78,205	97.8	99.1	99.1	99.1	98.9
McDowell TCC	85,160	82,423	96.8	96.2	96.2	96.2	96.2
Mitchell CC	184,101	144,673	78.6	79.3	76.0	76.0	76.0
Montgomery CC	54,408	51,072	93.9	93.9	96.1	96.1	96.1
Nash CC	109,223	107,955	98.8	98.8	98.7	98.7	98.7
Pamlico CC	28,395	27,166	95.7	95.7	95.7	95.7	95.7
Piedmont CC	106,603	104,735	98.2	98.1	98.1	98.8	98.8
Pitt CC	189,702	180,836	95.3	94.9	94.9	94.9	94.9
Randolph CC	184,811	184,618	99.9	100.0	100.0	100.0	100.0
Richmond CC	112,109	104,408	93.1	93.1	93.1	91.6	91.6
Roanoke-Cho. CC	99,803	96,135	96.3	96.3	96.3	96.3	96.3
Robeson CC	140,387	137,083	97.6	97.6	97.6	97.6	97.6
Rockingham CC	221,004	204,360	92.5	94.0	91.2	91.2	92.0
Rowan-Cab. CC	211,261	211,261	100.0	100.0	100.0	100.0	100.0
Sampson CC	87,686	86,026	98.1	98.1	98.1	98.1	98.1
Sandhills CC	198,355	185,312	93.4	93.5	93.5	93.5	93.5
Southeastern CC	131,403	121,908	92.8	92.8	91.8	92.1	92.1
Southwestern CC	164,087	157,748	96.1	95.7	95.7	95.7	95.6
Stanly CC	103,640	103,168	99.5	99.5	100.0	100.0	100.0
Surry CC	173,437	164,485	94.8	94.8	93.5	93.5	93.5
Tri-County CC	82,943	80,124	96.6	96.6	96.6	96.6	96.6
Vance-Granv. CC	154,477	147,800	95.7	95.7	95.2	95.2	95.2
Wake TCC	349,426	329,779	94.4	93.3	93.3	93.3	93.3
Wayne CC	214,270	214,152	99.9	99.9	98.5	98.5	98.5
W. Piedmont CC	158,163	152,972	96.7	96.1	96.1	96.1	96.0
Wilkes CC	209,760	204,073	97.3	97.3	97.2	97.2	96.9
Wilson TCC	127,079	125,313	98.6	98.5	98.5	98.7	98.7
TOTAL	10,542,213	10,013,955	95.0	94.9	94.6	94.5	94.2

TABLE 25:

ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	3,562,597	70.7	67.1	57.8	94.0	29.0	53.9	33.5	-	51.6	46.3
NC State Vet.	215,834	61.6	84.1	99.1	97.1	97.6	58.4	91.6	-	-	-
UNC-Chapel Hill	1,980,845	60.1	44.8	46.4	47.0	16.5	54.4	56.3	-	95.0	17.0
UNC-Health Aff.	1,049,853	69.6	59.1	66.1	57.9	55.8	72.3	36.4	-	89.4	64.9
SUBTOTAL	6,809,129	66.4	64.2	62.7	62.0	22.5	54.4	47.7	-	79.9	38.2
Doctoral Universities I:											
UNC-Greensboro	1,303,020	86.6	96.4	100.0	86.0	50.9	81.1	39.3	-	-	12.6
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	1,359,095	78.1	98.1	90.2	93.7	47.1	88.7	86.0	-	100.0	0.0
East Carolina	1,735,284	80.4	76.8	91.2	97.6	61.4	62.7	73.5	-	100.0	79.3
ECU-Health Aff.	529,140	99.9	92.5	99.2	99.9	100.0	74.8	45.8	-	-	21.0
Fayetteville	383,974	85.7	100.0	100.0	86.0	19.5	70.7	26.1	-	-	29.1
NC A & T	1,241,982	90.3	86.5	49.3	88.4	63.1	89.4	81.2	-	100.0	34.7
NC Central	742,509	82.1	37.0	100.0	90.5	60.6	80.3	89.6	-	100.0	24.4
UNC-Charlotte	1,699,009	99.3	100.0	-	98.4	77.6	97.2	100.0	-	-	100.0
UNC-Pembroke	383,712	94.7	-	100.0	99.6	41.2	95.4	99.6	-	-	100.0
UNC-Wilmington	678,462	89.4	53.5	100.0	64.1	39.6	90.6	98.0	-	89.5	0.0
West'n Carolina	1,120,607	85.5	97.4	100.0	98.4	54.6	60.1	61.2	-	70.5	98.5
SUBTOTAL	9,873,774	86.8	87.4	94.5	81.1	56.3	78.9	76.6	-	85.6	64.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	430,543	91.5	-	100.0	97.6	53.5	70.5	100.0	-	-	100.0
UNC-Asheville	513,738	94.1	100.0	100.0	95.2	79.5	62.5	98.7	-	100.0	100.0
Winston-Salem	484,895	65.5	31.7	65.6	90.6	72.9	55.1	90.5	-	100.0	57.0
SUBTOTAL	1,429,176	84.4	65.7	94.7	93.9	68.0	62.3	96.1	-	100.0	62.3
Schools of Art, Music, and Design:											
NC Sch. of Arts	343,927	94.6	-	100.0	93.8	36.1	46.1	99.1	-	100.0	99.5
Teaching Hospitals:											
UNC Hosp. at C. Hill	873,055	100.0	100.0	99.6	-	-	100.0	99.7	-	-	99.9
Community Colleges:											
SUBTOTAL	10,013,955	96.6	-	81.7	96.2	95.0	91.3	78.4	-	99.5	71.0
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,001,773	89.8	87.2	95.2	94.2	38.0	70.4	56.6	-	67.0	91.8
Gen. Baccalaureate Colleges:											
SUBTOTAL	6,053,366	66.7	67.9	37.5	82.9	39.4	21.0	44.8	-	17.3	25.9
Junior Colleges:											
SUBTOTAL	111,694	61.5	-	0.0	90.4	31.0	36.8	67.9	-	-	0.0
GRAND TOTAL	43,812,869	84.1	73.1	90.0	83.8	45.6	57.4	61.4	-	75.6	51.3

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	174,973	99.7	-	100.0	88.1	100.0	93.8	100.0	-	100.0	100.0
Anson CC	34,699	89.0	-	0.0	81.5	84.7	94.1	100.0	-	-	-
Ashev'le-Bun. TCC	311,938	97.1	-	100.0	98.2	100.0	71.2	100.0	-	100.0	0.0
Beaufort Co. CC	127,195	97.3	-	100.0	100.0	99.0	89.8	100.0	-	-	100.0
Bladen CC	95,807	99.2	-	100.0	98.4	96.6	99.8	50.9	-	100.0	100.0
Blue Ridge CC	257,805	100.0	-	100.0	100.0	99.8	96.5	96.7	-	100.0	100.0
Brunswick CC	105,958	94.2	-	69.0	100.0	98.1	97.4	100.0	-	100.0	100.0
Caldwell CC & TI	201,046	94.3	-	-	100.0	95.3	95.9	11.9	-	-	100.0
Cape Fear CC	175,495	95.1	-	100.0	100.0	92.6	99.0	100.0	-	0.0	100.0
Carteret CC	106,848	89.1	-	-	73.5	91.5	100.0	0.0	-	100.0	100.0
Catawba Vy. CC	218,694	100.0	-	-	100.0	100.0	57.9	-	-	100.0	100.0
C. Carolina CC	216,650	98.5	-	100.0	98.5	100.0	99.6	36.8	-	100.0	0.0
C. Piedmont CC	581,730	98.5	-	100.0	97.3	90.8	90.6	75.5	-	-	0.0
Cleveland CC	134,145	98.6	-	100.0	100.0	100.0	89.3	100.0	-	100.0	60.1
Coastal Car. CC	194,926	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Col. Albemarle	135,400	99.9	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	108,970	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	223,448	99.1	-	0.0	99.2	98.9	99.9	100.0	-	100.0	-
Durham TCC	201,392	99.9	-	100.0	100.0	100.0	100.0	71.9	-	100.0	100.0
Edgecombe CC	106,738	83.3	-	-	97.9	100.0	100.0	100.0	-	-	0.0
Fayettev'le TCC	372,983	95.4	-	100.0	99.3	97.6	78.6	45.4	-	-	100.0
Forsyth TCC	357,333	98.1	-	100.0	99.2	98.8	99.8	100.0	-	100.0	-
Gaston Col.	229,782	96.0	-	0.0	74.4	94.6	85.2	73.9	-	-	-
Guilford TCC	484,641	92.3	-	88.1	91.9	96.1	94.9	12.2	-	100.0	92.2
Halifax CC	124,398	100.0	-	100.0	100.0	100.0	99.1	79.2	-	-	100.0
Haywood CC	208,365	88.4	-	100.0	100.0	100.0	100.0	100.0	-	100.0	86.0
Isothermal CC	150,754	94.4	-	100.0	25.8	83.6	99.8	100.0	-	-	-
J. Sprunt CC	83,988	92.1	-	100.0	100.0	96.4	99.0	78.9	-	100.0	-
Johnston CC	159,041	99.7	-	0.0	100.0	100.0	99.7	100.0	-	100.0	100.0
Lenoir CC	205,026	96.4	-	100.0	95.9	100.0	80.4	100.0	-	100.0	-
Martin CC	135,997	92.9	-	100.0	100.0	78.7	97.4	85.4	-	-	0.0
Mayland CC	78,205	99.9	-	15.0	100.0	100.0	100.0	100.0	-	-	100.0
McDowell TCC	82,423	96.9	-	-	100.0	98.7	90.1	100.0	-	100.0	100.0
Mitchell CC	144,673	88.6	-	-	95.6	58.2	48.9	74.1	-	100.0	35.5
Montgomery CC	51,072	92.2	-	100.0	100.0	100.0	100.0	100.0	-	100.0	0.0
Nash CC	107,955	99.7	-	100.0	100.0	100.0	92.2	100.0	-	-	-
Pamlico CC	27,166	99.9	-	100.0	100.0	100.0	98.2	0.0	-	-	-
Piedmont CC	104,735	97.3	-	98.8	100.0	100.0	99.5	100.0	-	100.0	-
Pitt CC	180,836	97.1	-	100.0	98.0	82.9	85.2	100.0	-	-	22.5
Randolph CC	184,618	99.9	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Richmond CC	104,408	93.9	-	100.0	95.1	90.0	100.0	40.7	-	-	-
Roanoke-Cho. CC	96,135	100.0	-	100.0	100.0	100.0	99.5	100.0	-	100.0	0.0
Robeson CC	137,083	100.0	-	100.0	100.0	87.9	99.8	100.0	-	-	-
Rockingham CC	204,360	89.3	-	98.0	99.3	99.1	99.9	100.0	-	100.0	93.6
Rowan-Cab. CC	211,261	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Sampson CC	86,026	97.8	-	-	100.0	100.0	99.6	100.0	-	-	84.8
Sandhills CC	185,312	95.4	-	100.0	96.5	96.7	62.0	97.2	-	100.0	-
Southeastern CC	121,908	91.6	-	100.0	99.3	94.9	87.4	100.0	-	-	100.0
Southwestern CC	157,748	100.0	-	0.0	100.0	100.0	99.4	16.9	-	100.0	-
Stanly CC	103,168	100.0	-	100.0	96.2	100.0	99.7	100.0	-	-	100.0
Surry CC	164,485	93.4	-	-	100.0	97.3	95.2	100.0	-	100.0	100.0
Tri-County CC	80,124	99.1	-	-	83.7	100.0	89.0	-	-	-	-
Vance-Granv. CC	147,800	99.4	-	100.0	86.8	92.0	80.2	100.0	-	0.0	72.0
Wake TCC	329,779	94.8	-	-	100.0	99.7	76.8	62.6	-	-	100.0
Wayne CC	214,152	100.0	-	100.0	100.0	99.4	100.0	100.0	-	-	-
W. Piedmont CC	152,972	99.7	-	100.0	100.0	99.7	99.5	7.6	-	-	-
Wilkes CC	204,073	97.9	-	0.0	100.0	93.5	99.5	100.0	-	97.4	-
Wilson TCC	125,313	100.0	-	100.0	99.6	100.0	82.8	100.0	-	-	-
TOTAL	10,013,955	96.6	-	81.7	96.2	95.0	91.3	78.4	-	99.5	71.0

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Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Research Universities I:								
NC State	70.7	-	-	-	100.0	-	-	-
NC State Vet.	61.6	-	-	-	-	-	-	-
UNC-Chapel Hill	59.7	-	27.7	76.6	73.7	-	-	-
UNC-Health Aff.	69.3	-	-	0.0	98.8	-	-	-
SUBTOTAL	66.2	-	27.7	74.0	78.5	-	-	-
Doctoral Universities I:								
UNC-Greensboro	86.5	-	100.0	-	-	-	-	-
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	79.7	-	-	64.4	-	-	-	-
East Carolina	80.4	-	100.0	-	-	-	-	-
ECU-Health Aff.	99.9	-	-	-	-	-	-	-
Fayetteville	85.5	-	-	100.0	-	-	-	-
NC A & T	90.3	-	-	-	-	-	-	-
NC Central	82.1	-	100.0	-	-	-	-	-
UNC-Charlotte	99.3	-	-	-	-	-	-	-
UNC-Pembroke	94.6	-	100.0	-	-	-	-	-
UNC-Wilmington	89.3	-	-	-	96.0	-	-	-
West'n Carolina	85.1	-	100.0	100.0	100.0	100.0	-	100.0
SUBTOTAL	87.2	-	100.0	66.7	96.8	100.0	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	91.3	-	100.0	-	-	-	-	-
UNC-Asheville	94.1	-	-	-	-	-	-	-
Winston-Salem	64.3	-	89.6	-	-	-	-	-
SUBTOTAL	84.2	-	93.4	-	-	-	-	-

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
55.2	69.0	-	-	74.4	48.3	48.0	NC State
-	84.1	98.1	100.0	-	-	-	NC State Vet.
6.2	46.6	-	-	50.7	-	0.0	UNC-Chapel Hill
66.3	58.1	79.2	60.2	61.4	0.0	-	UNC-Health Aff.
55.6	65.4	85.5	68.7	64.1	48.0	19.5	SUBTOTAL
							Doctoral Univ. I:
97.9	96.2	-	-	100.0	-	-	UNC-Greensboro
							Master's (Comp.) Univ./Colleges I:
-	98.1	-	-	90.2	-	-	Appalachian
0.0	87.9	-	0.0	91.5	-	91.8	East Carolina
-	92.5	99.8	98.8	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	100.0	-	100.0	Fayetteville
100.0	79.6	-	-	98.2	3.3	100.0	NC A & T
100.0	14.0	-	-	100.0	-	100.0	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
-	-	-	-	100.0	-	100.0	UNC-Pembroke
16.8	89.7	-	-	100.0	-	-	UNC-Wilmington
-	97.4	-	-	100.0	-	100.0	West'n Carolina
81.0	88.8	99.8	98.7	95.2	3.3	96.3	SUBTOTAL
							Bacc. (Lib. Arts) Univ./Coll. I&II:
-	-	-	-	100.0	-	100.0	Elizabeth City
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	64.2	-	100.0	Winston-Salem
100.0	61.3	-	-	94.0	-	100.0	SUBTOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Schools of Art, Music, and Design:								
NC Sch. of Arts	94.6	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. - C.H.	100.0	-	-	-	100.0	-	-	-
Community Colleges:								
SUBTOTAL	96.0	97.1	98.6	93.1	95.3	100.0	100.0	91.2
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	90.0	-	100.0	22.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	66.8	-	49.1	100.0	0.0	-	-	-
Junior Colleges:								
SUBTOTAL	61.5	-	-	-	-	-	-	-
GRAND TOTAL	78.9	97.1	88.7	87.7	93.4	100.0	100.0	91.9

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Sch. of Art, Music, and Design:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	100.0	99.9	99.4	-	-	-	UNC Hosp. - C.H.
							Community Colleges:
-	-	-	-	81.3	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	87.2	99.6	92.2	47.5	-	0.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
100.0	67.6	-	-	37.5	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
61.5	74.3	98.7	92.5	76.8	46.4	47.9	GRAND TOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	100.0	99.6	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	98.2	0.0	31.7	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	100.0	98.0	-	70.6	94.9	-	-	100.0	100.0
Beaufort Co. CC	-	97.4	-	84.1	100.0	-	-	-	100.0
Bladen CC	100.0	100.0	-	100.0	89.5	-	100.0	-	100.0
Blue Ridge CC	99.7	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Brunswick CC	-	95.9	-	84.1	100.0	-	-	100.0	69.0
Caldwell CC & TI	86.0	96.3	100.0	100.0	100.0	-	-	-	-
Cape Fear CC	100.0	94.3	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	88.4	100.0	94.2	100.0	-	-	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
C. Carolina CC	100.0	98.3	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	95.6	99.4	100.0	96.6	100.0	100.0	-	-	100.0
Cleveland CC	100.0	98.0	100.0	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	-	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	86.8	-	-	-	0.0
Durham TCC	100.0	99.9	-	100.0	100.0	-	-	-	100.0
Edgecombe CC	100.0	80.9	-	100.0	98.0	-	-	-	-
Fayettev'le TCC	-	93.9	100.0	100.0	100.0	-	100.0	100.0	100.0
Forsyth TCC	100.0	97.5	98.2	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	94.0	96.5	98.4	100.0	100.0	-	-	-	0.0
Guilford TCC*	94.6	96.9	93.8	51.7	94.7	-	-	50.6	88.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	87.6	100.0	100.0	60.2	-	100.0	100.0	100.0
Isothermal CC**	98.5	95.9	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	94.2	-	53.9	100.0	-	-	-	100.0
Johnston CC	-	99.7	-	-	-	-	-	-	0.0
Lenoir CC*	98.3	92.9	100.0	100.0	100.0	-	100.0	100.0	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	100.0	91.7	100.0	100.0	79.7	-	-	-	100.0
Mayland CC	100.0	99.9	100.0	100.0	100.0	-	-	-	15.0
McDowell TCC	100.0	96.4	100.0	100.0	100.0	-	-	-	-
Mitchell CC	86.3	84.5	-	96.1	100.0	-	-	100.0	-
Montgomery CC	-	92.1	-	100.0	-	-	-	-	100.0
Nash CC	100.0	99.8	-	100.0	98.7	100.0	-	100.0	100.0
Pamlico CC	100.0	99.8	-	100.0	100.0	-	-	-	100.0
Piedmont CC	-	97.1	100.0	98.3	100.0	-	-	-	98.8
Pitt CC*	100.0	98.0	0.0	77.7	100.0	-	-	-	-
Randolph CC	-	99.8	100.0	100.0	100.0	-	-	-	100.0
Richmond CC	-	92.7	-	100.0	100.0	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Rockingham CC	86.8	94.1	-	100.0	66.3	-	-	-	98.0
Rowan-Cab. CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Sampson CC	-	97.3	100.0	100.0	100.0	-	100.0	100.0	-
Sandhills CC	96.0	96.1	100.0	33.3	88.7	-	-	-	100.0
Southeastern CC	85.6	93.7	75.8	100.0	-	-	-	-	100.0
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	0.0
Stanly CC	-	100.0	100.0	-	100.0	-	-	-	100.0
Surry CC	90.6	97.7	100.0	-	76.4	-	-	-	-
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	97.8	99.9	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	93.6	-	100.0	100.0	-	-	-	-
Wayne CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
W. Piedmont CC	99.7	99.6	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.7	-	100.0	79.8	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
TOTAL	96.0	97.1	98.6	93.1	95.3	100.0	100.0	91.2	81.3

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0.

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	99.3	100.0	95.2	88.4	89.5	85.1	0.0	-
NC State Vet.	97.0	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	45.5	98.8	16.9	57.4	61.2	42.4	-	60.5
UNC-Health Aff.	37.8	100.0	93.2	60.1	48.2	67.3	83.3	70.4
SUBTOTAL	60.5	99.1	59.7	68.4	53.4	63.4	71.6	61.7
Doctoral Universities I:								
UNC-Greensboro	78.2	100.0	100.0	93.0	98.8	82.4	-	-
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	100.0	100.0	100.0	97.9	44.6	88.7	100.0	100.0
East Carolina	100.0	100.0	100.0	56.4	0.0	87.9	100.0	-
ECU-Health Aff.	100.0	100.0	99.4	100.0	100.0	100.0	-	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	92.2	-	-
NC A & T	98.8	64.6	100.0	100.0	66.2	92.3	-	-
NC Central	99.1	100.0	94.9	100.0	25.3	87.6	-	-
UNC-Charlotte	97.7	100.0	100.0	-	-	99.9	-	-
UNC-Pembroke	100.0	100.0	100.0	-	-	97.4	-	-
UNC-Wilmington	57.8	100.0	100.0	90.6	-	88.8	-	100.0
West'n Carolina	100.0	95.9	74.5	100.0	97.7	95.1	-	100.0
SUBTOTAL	93.9	95.4	89.0	95.8	55.9	92.9	100.0	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	100.0	100.0	-	100.0	90.4	90.5	-	-
UNC-Asheville	93.8	100.0	100.0	100.0	-	100.0	-	-
Winston-Salem	100.0	92.9	64.6	100.0	32.5	72.3	-	-
SUBTOTAL	97.0	94.3	94.0	100.0	70.2	80.6	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Schools of Art, Music, and Design:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.9	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	97.5	98.5	98.5	96.4	87.9	95.4	71.5	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	98.9	35.5	91.1	96.4	100.0	91.0	100.0	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	86.0	83.8	74.7	90.9	48.9	71.5	-	18.3
Junior Colleges:								
SUBTOTAL	99.9	67.3	-	-	-	0.0	-	-
GRAND TOTAL	86.0	85.6	88.7	86.4	67.2	80.7	90.5	59.8

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	100.0	100.0	50.9	-	-
Anson CC	100.0	-	100.0	100.0	-	32.7	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	-	100.0	55.0	-	-
Beaufort Co. CC	100.0	-	-	-	-	100.0	-	-
Bladen CC	100.0	-	-	-	-	95.1	-	-
Blue Ridge CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	79.5	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
C. Carolina CC	98.1	-	100.0	-	100.0	100.0	-	-
C. Piedmont CC	98.1	100.0	90.1	100.0	100.0	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.4	-	100.0	-	100.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	-	-
Edgecombe CC	97.0	-	100.0	-	-	100.0	-	-
Fayettev'le TCC	100.0	-	100.0	100.0	-	98.0	-	-
Forsyth TCC	100.0	-	84.2	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	10.4	100.0	-	-
Guilford TCC	91.8	-	100.0	-	-	88.0	-	-
Halifax CC	100.0	-	-	-	100.0	100.0	100.0	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	98.4	100.0	100.0	100.0	-	87.0	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	100.0	-	-
Mayland CC	100.0	-	100.0	-	100.0	100.0	-	-
McDowell TCC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	0.0	100.0	0.0	-	94.4	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	-	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	-	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	100.0	67.6	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	100.0	90.5	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	100.0	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	74.9	0.0	-
Southeastern CC	99.0	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	100.0	-	67.0	-	-
Surry CC	100.0	-	-	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	77.3	-	-	-	100.0	100.0	-	-
Wake TCC	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	100.0	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.2	-	100.0	100.0	100.0	100.0	-	-
TOTAL	97.5	98.5	98.5	96.4	87.9	95.4	71.5	-

Table 25c

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	97.8	94.5	79.0	86.5	15.5	67.8	99.2	40.2	52.4	43.7	1.7	11.0
NC State Vet.	-	100.0	-	-	97.5	-	-	-	61.3	100.0	100.0	0.0
UNC-Chapel Hill	28.5	37.8	24.0	0.0	9.5	26.2	81.9	58.0	80.0	11.5	38.0	77.8
UNC-Health Aff.	100.0	43.1	100.0	100.0	46.8	-	-	-	100.0	27.8	-	-
SUBTOTAL	66.7	64.3	54.1	31.5	12.8	39.4	86.9	49.1	68.6	17.9	32.9	33.6
Doctoral Universities I:												
UNC-Greensboro	98.8	89.0	56.7	100.0	38.8	91.6	97.5	6.1	34.6	27.7	100.0	100.0
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	100.0	73.1	97.1	100.0	37.2	89.0	99.6	94.1	85.6	100.0	74.1	-
East Carolina	21.4	83.8	76.8	99.0	51.4	99.9	40.4	41.1	93.3	7.4	-	0.0
ECU-Health Aff.	100.0	-	-	-	-	-	-	100.0	32.7	100.0	100.0	-
Fayetteville	100.0	42.1	100.0	100.0	9.5	56.3	0.0	-	0.0	-	-	100.0
NC A & T	100.0	95.4	100.0	100.0	55.7	81.5	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	100.0	93.0	45.1	48.4	56.4	45.2	91.1	72.8	93.6	-	-	100.0
UNC-Charlotte	100.0	99.4	100.0	100.0	72.6	46.9	92.2	100.0	100.0	100.0	-	-
UNC-Pembroke	100.0	73.9	100.0	100.0	27.9	74.9	42.1	100.0	100.0	85.1	-	100.0
UNC-Wilmington	100.0	80.5	83.2	100.0	27.5	56.0	91.5	100.0	99.0	-	85.3	-
West'n Carolina	100.0	97.2	96.2	100.0	42.3	84.8	41.4	76.6	44.2	92.8	-	100.0
SUBTOTAL	84.0	84.8	91.7	94.8	47.4	76.1	71.4	82.8	75.9	58.1	70.0	76.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	100.0	99.1	100.0	65.2	43.4	92.4	0.0	100.0	100.0	-	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	79.8	20.9	100.0	100.0	100.0	100.0	92.5	100.0
Winston-Salem	75.1	98.6	100.0	100.0	62.4	89.7	0.0	60.4	98.8	86.9	100.0	100.0
SUBTOTAL	91.8	99.0	100.0	84.6	60.8	75.5	18.1	92.2	99.5	92.2	95.5	100.0
Schools of Art, Music, and Design:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	21.1	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	99.9	99.0	-	-
Community Colleges:										-		
SUBTOTAL	96.1	92.3	97.4	95.3	97.2	100.0	100.0	89.6	75.9	91.3	100.0	80.9
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	92.1	81.6	25.9	77.9	22.7	87.5	64.1	78.0	54.1	91.4	28.3	0.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	60.7	61.0	39.8	57.4	31.3	77.0	65.0	40.8	47.5	20.5	54.8	47.8
Junior Colleges:												
SUBTOTAL	100.0	82.6	-	0.0	12.8	0.0	0.0	-	100.0	0.0	-	-
GRAND TOTAL	82.7	77.9	80.2	78.3	35.0	65.7	70.6	65.7	65.0	59.4	40.8	54.6

Table 25c

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Beaufort Co. CC	100.0	99.0	100.0	90.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	94.3	100.0	100.0	100.0	-	-	-	0.0	100.0	-	100.0
Blue Ridge CC	100.0	99.2	100.0	-	100.0	-	-	-	100.0	26.4	-	-
Brunswick CC	100.0	-	93.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	71.3	-	-	100.0	9.7	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	86.0	-	-	-	-	-	-	100.0
Carteret CC	100.0	84.0	100.0	100.0	92.7	-	-	0.0	-	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	0.0	-	100.0	-	-
C. Piedmont CC	98.8	82.4	99.1	50.5	93.0	-	-	40.8	96.3	53.3	-	95.8
Cleveland CC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.9	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	0.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Fayettev'le TCC	100.0	94.9	100.0	100.0	100.0	-	100.0	100.0	7.3	100.0	-	68.9
Forsyth TCC	100.0	100.0	100.0	100.0	98.0	-	-	100.0	100.0	100.0	-	-
Gaston Col.	100.0	90.8	100.0	100.0	98.9	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	100.0	87.1	100.0	95.2	-	100.0	-	2.4	100.0	-	5.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	100.0
Isothermal CC	100.0	65.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	99.4	88.6	100.0	100.0	100.0	-	-	-	78.9	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	100.0
Martin CC	76.6	76.5	84.7	100.0	100.0	-	-	100.0	83.3	100.0	-	-
Mayland CC	-	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell CC	90.2	39.5	88.0	100.0	72.4	-	-	-	72.1	100.0	-	-
Montgomery CC	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	44.2	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	68.7	-	100.0	-	24.9	-	-	100.0
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cab. CC	100.0	-	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.3	79.3	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	94.1	86.1	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	100.0	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	84.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	100.0	-	88.9	-	-	-	100.0	-	-	-
Wake TCC	100.0	99.2	100.0	100.0	100.0	-	100.0	100.0	59.1	-	-	100.0
Wayne CC	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	92.3	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
TOTAL	96.1	92.3	97.4	95.3	97.2	100.0	100.0	89.6	75.9	91.3	100.0	80.9

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Table 25d

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	25.5	76.8	58.9	89.9	22.7	43.0	66.8	100.0	23.4	54.4	91.0	13.1
NC State Vet.	-	-	79.6	-	-	23.1	-	-	-	-	-	-
UNC-Chapel Hill	1.6	29.5	68.7	65.9	36.5	66.6	60.6	4.0	98.2	91.3	61.4	2.7
UNC-Health Aff.	-	-	68.0	100.0	0.0	100.0	100.0	100.0	38.0	96.0	74.4	1.3
SUBTOTAL	11.7	50.4	63.8	74.8	29.1	60.1	64.3	45.2	84.2	78.2	75.5	5.7
Doctoral Universities I:												
UNC-Greensboro	81.1	100.0	95.7	21.6	100.0	36.7	78.0	-	-	-	39.4	12.1
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	95.2	100.0	85.2	100.0	19.4	100.0	100.0	100.0	-	100.0	-	0.0
East Carolina	40.8	73.2	66.1	66.7	3.7	62.5	100.0	100.0	-	100.0	0.0	88.9
ECU-Health Aff.	-	-	68.6	-	100.0	94.3	100.0	100.0	-	-	49.7	0.0
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	-	-	-	29.1
NC A & T	100.0	100.0	96.9	100.0	63.8	73.3	100.0	100.0	-	100.0	-	34.7
NC Central	86.9	99.4	66.9	99.6	92.8	75.1	66.3	100.0	-	100.0	31.0	0.0
UNC-Charlotte	100.0	100.0	100.0	100.0	100.0	54.8	100.0	100.0	-	-	-	100.0
UNC-Pembroke	100.0	100.0	91.3	91.8	93.9	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	94.4	86.2	98.4	61.1	88.0	67.6	100.0	100.0	0.0	93.2	0.0	0.0
West'n Carolina	75.6	100.0	96.9	98.3	2.6	76.8	75.1	100.0	100.0	70.0	14.0	100.0
SUBTOTAL	90.5	94.7	84.3	86.0	39.2	76.5	96.4	100.0	78.8	85.6	34.6	67.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	99.7	100.0	96.7	100.0	17.1	100.0	100.0	100.0	-	-	100.0	-
UNC-Asheville	38.3	77.2	70.5	100.0	22.4	100.0	100.0	100.0	-	100.0	100.0	100.0
Winston-Salem	89.6	42.5	32.6	100.0	47.6	92.8	100.0	100.0	-	100.0	5.1	76.7
SUBTOTAL	80.5	66.9	63.7	100.0	31.4	96.5	100.0	100.0	-	100.0	7.7	80.3
Schools of Art, Music, and Design:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. H.	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-	-	99.9
Community Colleges:												
SUBTOTAL	95.4	97.5	85.8	98.4	86.3	99.2	99.6	99.2	99.2	99.7	79.8	66.9
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	89.8	99.8	78.7	100.0	19.1	61.4	14.8	82.8	66.6	69.0	100.0	91.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	58.8	60.2	18.2	51.2	9.3	26.0	52.1	56.6	4.9	25.1	19.6	32.6
Junior Colleges:												
SUBTOTAL	0.0	96.3	20.1	-	20.9	0.0	0.0	0.0	-	-	0.0	0.0
GRAND TOTAL	78.5	83.8	62.3	84.1	20.9	55.4	71.6	83.0	71.1	78.1	53.3	50.4

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25d

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	57.7	100.0	100.0	100.0	-	100.0	100.0	-
Anson CC	100.0	100.0	95.8	66.8	-	-	-	100.0	-	-	-	-
Ashev'le-Bun. TCC	19.8	100.0	80.4	0.0	83.2	0.0	100.0	100.0	-	100.0	0.0	0.0
Beaufort Co. CC	93.7	63.1	100.0	100.0	100.0	100.0	87.3	90.2	-	-	-	100.0
Bladen CC	98.1	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	100.0
Blue Ridge CC	100.0	100.0	91.4	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Brunswick CC	100.0	81.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Caldwell CC & TI	100.0	100.0	91.9	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	0.0	100.0	100.0
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	100.0
Catawba Vy. CC	100.0	100.0	35.3	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
C. Carolina CC	98.6	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	100.0	80.5	98.5	100.0	100.0	-	98.6	-	-	-	0.0
Cleveland CC	99.0	100.0	77.9	100.0	100.0	100.0	100.0	100.0	-	100.0	60.1	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	99.1	-	100.0	100.0	-	100.0	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	0.0	-
Fayettev'le TCC	98.4	99.4	43.6	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Forsyth TCC	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Gaston Col.	60.6	100.0	86.8	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	100.0	90.5	91.7	100.0	95.4	100.0	100.0	100.0	-	100.0	92.2	-
Halifax CC	98.1	100.0	99.4	100.0	92.4	100.0	100.0	100.0	-	-	100.0	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	86.0
Isothermal CC	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	74.5	-	-	100.0	-	100.0	-	-
Johnston CC	96.6	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	100.0
Lenoir CC	100.0	100.0	65.5	100.0	77.6	-	100.0	100.0	-	100.0	-	-
Martin CC	100.0	94.6	100.0	100.0	78.6	-	-	100.0	-	-	-	0.0
Mayland CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
McDowell TCC	92.6	97.9	79.4	100.0	97.0	100.0	-	100.0	-	100.0	100.0	-
Mitchell CC	45.3	100.0	33.0	-	42.0	100.0	100.0	100.0	-	100.0	35.5	-
Montgomery CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	0.0	-
Nash CC	98.2	100.0	90.4	100.0	68.1	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Piedmont CC	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.7	87.1	69.5	100.0	100.0	100.0	100.0	97.2	-	-	-	22.5
Randolph CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Robeson CC	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	93.6	-
Rowan-Cab. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Sampson CC	98.4	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	80.4	100.0
Sandhills CC	100.0	100.0	88.6	100.0	4.7	100.0	100.0	100.0	-	100.0	-	-
Southeastern CC	100.0	100.0	72.7	100.0	-	100.0	100.0	100.0	-	-	100.0	-
Southwestern CC	100.0	94.6	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Stanly CC	100.0	100.0	99.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Surry CC	100.0	96.6	88.8	100.0	82.1	100.0	100.0	100.0	-	100.0	-	100.0
Tri-County CC	100.0	100.0	86.6	100.0	-	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	56.6	100.0	100.0	-	99.0	100.0	-	0.0	72.0	-
Wake TCC	100.0	100.0	51.4	100.0	100.0	100.0	100.0	85.2	-	-	100.0	100.0
Wayne CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	89.3	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	98.2	100.0	100.0	-	-	100.0	100.0	100.0	97.2	100.0	-	-
Wilson TCC	100.0	100.0	47.6	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.4	97.5	85.8	98.4	86.3	99.2	99.6	99.2	99.2	99.7	79.8	66.9

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TABLE 26:

ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on pp. 117-118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Univ. I:										
NC State	3,562,597	57.7	187,804	90.1	926,072	77.7	909,467	71.4	232,490	93.7
NC State Vet.	215,834	80.7	7,178	97.9	46,453	75.0	33,603	89.1	15,950	97.7
UNC-Chapel Hill	1,980,845	39.6	94,920	46.7	206,311	51.1	459,900	47.1	267,523	42.9
UNC-Health Aff.	1,049,853	64.8	42,670	84.7	322,591	65.1	391,695	63.4	26,007	40.4
SUBTOTAL	6,809,129	52.1	332,572	70.9	1,501,427	69.7	1,794,665	61.7	541,970	56.9
Doctoral Univ. I:										
UNC-Greensboro	1,303,020	66.9	119,408	97.9	166,041	89.9	293,625	82.1	134,998	83.4
Master's (Comp.) Univ./Colleges I										
Appalachian	1,359,095	63.7	135,707	85.9	150,610	94.9	342,175	89.4	70,977	99.1
East Carolina	1,735,284	71.9	134,718	81.0	240,703	86.0	305,571	74.4	169,612	98.3
ECU-Health Aff.	529,140	93.9	30,716	100.0	130,036	99.9	185,604	99.4	37,364	99.6
Fayetteville	383,974	55.5	44,930	79.0	46,389	83.7	100,919	88.5	53,943	93.4
NC A & T	1,241,982	78.6	99,466	88.8	225,728	84.9	267,526	92.3	114,939	96.3
NC Central	742,509	73.3	70,339	76.3	70,057	76.4	148,483	79.8	103,417	96.5
UNC-Charlotte	1,699,009	88.1	111,375	99.9	243,774	99.9	336,241	98.8	115,270	98.2
UNC-Pembroke	383,712	74.6	47,671	96.8	35,872	94.4	55,009	94.4	41,790	98.4
UNC-Wilmington	678,462	62.5	70,392	90.3	108,854	89.8	189,526	89.3	64,469	55.7
West'n Carolina	1,120,607	70.3	86,269	91.6	129,775	96.9	195,603	90.2	117,761	99.9
SUBTOTAL	9,873,774	73.1	831,583	87.6	1,382,398	91.0	2,166,657	88.8	889,542	92.7
Bacc. (L. Arts) Univ./Coll. I/II:										
Elizabeth City	430,543	73.1	34,232	82.2	65,882	98.3	73,618	93.2	35,672	91.4
UNC-Asheville	513,738	87.8	41,179	100.0	63,703	99.6	82,358	91.0	69,995	93.7
Winston-Salem	484,895	70.5	29,970	59.8	19,081	42.3	99,511	71.0	47,546	96.2
SUBTOTAL	1,429,176	76.8	105,381	79.3	148,666	84.4	255,487	82.5	153,213	93.9
Schools of Art, Music, and Design:										
NC Sch. of Arts	343,927	75.3	18,201	100.0	140,945	97.9	39,719	81.0	18,073	95.0
Teaching Hospitals:										
UNC Hosp. at C. Hill	873,055	99.6	7,311	100.0	9,470	100.0	250,223	99.7	2,879	100.0
Community Colleges:										
SUBTOTAL	10,013,955	95.0	2,073,360	96.7	3,322,278	96.5	1,695,030	96.4	762,505	97.7
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	7,001,773	74.5	288,683	90.7	890,232	92.7	2,025,843	88.9	654,730	97.7
Gen. Baccalaureate Colleges:										
SUBTOTAL	6,053,366	46.9	550,900	63.9	541,193	61.2	811,689	58.3	658,224	81.6
Junior Colleges:										
SUBTOTAL	111,694	37.9	15,480	87.1	7,342	54.9	19,387	62.5	14,664	99.1
GRAND TOTAL	43,812,869	67.5	4,342,879	86.2	8,109,992	85.5	9,352,325	79.4	3,830,798	84.6

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq.Ft.	%	Sq. Ft.	%	
												Research Univ. I:
733,271	59.8	326,022	75.2	148,887	36.1	11,407	98.4	69,879	6.4	17,298	23.6	NC State
36,834	60.4	6,889	95.7	9,293	62.4	59,634	97.5	-	-	-	-	NC State Vet.
288,332	50.1	317,234	56.6	193,821	65.3	16,036	85.2	109,282	9.3	27,486	15.7	UNC-Chapel Hill
38,246	49.5	32,704	73.2	22,854	63.4	101,535	81.7	0	0.0	71,551	65.0	UNC-Health Aff.
1,096,683	56.6	682,849	65.2	374,855	49.3	188,612	87.4	179,161	7.9	116,335	32.5	SUBTOTAL
												Doctoral Univ. I:
151,482	91.8	180,425	64.0	70,429	74.7	8,692	96.7	170,130	33.7	7,790	11.9	UNC-Greensboro
												Master's (Comp.) Univ./Colleges I:
125,240	65.1	284,346	75.6	64,240	81.8	12,167	99.6	173,633	24.8	0	0.0	Appalachian
246,697	87.6	207,784	82.4	67,205	70.4	2,984	49.9	335,293	46.7	24,717	79.3	East Carolina
19,351	64.3	6,304	100.0	27,299	60.9	91,269	99.5	-	-	1,197	21.0	ECU-Health Aff.
67,439	80.3	34,817	41.4	16,311	60.2	0	0.0	8,146	4.7	10,480	29.1	Fayetteville
160,732	83.8	153,324	91.5	27,185	88.6	6,148	100.0	172,664	48.6	14,270	34.7	NC A & T
97,899	76.5	96,537	90.0	21,087	73.6	4,314	91.3	128,030	49.3	2,346	32.9	NC Central
142,988	94.7	311,673	98.8	29,100	100.0	6,162	90.9	371,025	63.9	31,401	100.0	UNC-Charlotte
63,437	96.7	77,129	86.4	14,185	92.6	1,396	46.2	6,997	6.3	226	100.0	UNC-Pembroke
67,897	66.0	107,872	85.3	29,156	79.5	1,346	87.7	38,950	13.5	0	0.0	UNC-Wilmington
104,959	71.6	220,791	87.3	62,232	88.5	1,924	48.6	150,241	29.8	51,052	98.5	West'n Carolina
1,096,639	79.8	1,500,577	84.4	358,000	78.4	127,710	91.3	1,384,979	37.5	135,689	64.6	SUBTOTAL
												Bacc. (L. Arts) Univ./Coll. I/II:
59,106	91.1	87,286	92.2	14,929	95.0	0	0.0	59,818	32.9	-	-	Elizabeth City
61,644	77.3	71,598	95.4	17,443	95.8	1,177	100.0	97,859	73.0	6,782	100.0	UNC-Asheville
56,179	96.1	101,712	93.3	19,704	74.6	0	0.0	83,261	53.0	27,931	56.4	Winston-Salem
176,929	87.1	260,596	93.5	52,076	86.3	1,177	13.8	240,938	50.9	34,713	61.6	SUBTOTAL
												Schools of Art, Music, and Design:
7,839	52.6	63,489	77.8	14,873	100.0	0	0.0	20,064	21.7	20,724	99.5	NC Sch. of Arts
												Teaching Hospitals:
3,005	100.0	22,404	100.0	83,868	99.9	451,219	99.5	3,879	100.0	38,797	99.9	UNC Hosp. at C. Hill
												Community Colleges:
497,534	90.3	1,115,966	95.2	426,432	81.9	2,035	100.0	3,896	39.8	114,919	71.3	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
383,564	72.3	747,585	81.8	402,315	68.4	1,297,502	98.0	178,614	10.7	132,705	91.3	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,060,698	77.0	1,365,099	65.3	192,213	23.2	26,985	63.4	787,491	18.0	58,874	25.0	SUBTOTAL
												Junior Colleges:
0	0.0	50,245	74.2	3,268	70.0	0	0.0	1,308	1.4	0	0.0	SUBTOTAL
4,474,373	72.4	5,989,235	77.4	1,978,329	58.0	2,103,932	95.6	2,970,460	22.5	660,546	49.9	GRAND TOTAL

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Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	174,973	98.3	39,683	99.5	76,056	99.8	27,363	93.4	8,014	100.0
Anson CC	34,699	87.2	5,237	86.2	13,626	97.3	5,124	60.9	4,758	100.0
Ashev'le-Bun. TCC	311,938	94.2	68,297	99.3	119,951	96.2	46,283	87.1	19,109	100.0
Beaufort Co. CC	127,195	97.1	24,495	97.7	41,596	98.6	26,080	91.2	9,194	100.0
Bladen CC	95,807	96.9	13,988	100.0	33,789	98.8	15,536	98.5	5,114	100.0
Blue Ridge CC	257,805	99.7	45,581	100.0	82,176	100.0	31,499	99.7	14,137	100.0
Brunswick CC	105,958	91.9	17,466	98.3	22,361	89.3	17,491	96.5	6,958	100.0
Caldwell CC & TI	201,046	90.8	39,920	99.9	60,472	89.5	29,595	99.6	14,329	100.0
Cape Fear CC	175,495	96.2	34,170	97.5	61,461	93.7	34,056	98.1	13,067	100.0
Carteret CC	106,848	89.8	18,813	91.8	35,458	99.0	12,938	90.2	6,473	100.0
Catawba Vy. CC	218,694	96.2	46,771	100.0	93,509	100.0	35,174	99.7	15,702	100.0
C. Carolina CC	216,650	98.2	47,679	100.0	79,303	97.7	31,573	98.1	13,347	99.1
C. Piedmont CC	581,730	96.1	144,335	100.0	192,794	99.4	113,223	93.9	44,952	98.7
Cleveland CC	134,145	98.1	19,803	93.9	45,181	100.0	18,117	99.0	15,613	100.0
Coastal Car. CC	194,926	100.0	46,714	100.0	72,116	100.0	34,554	100.0	15,190	100.0
Col. Albemarle	135,400	99.9	24,136	100.0	33,502	99.7	24,380	100.0	18,675	100.0
Craven CC	108,970	99.6	29,847	100.0	38,325	98.9	15,779	99.7	14,397	100.0
Davidson Co. CC	223,448	97.1	52,387	100.0	68,691	91.7	41,577	100.0	17,533	98.5
Durham TCC	201,392	99.4	43,513	100.0	71,781	100.0	38,406	99.8	13,896	100.0
Edgecombe CC	105,738	84.8	22,843	80.0	30,491	81.4	19,049	98.2	10,720	97.5
Fayettev'le TCC	372,983	93.6	97,661	97.4	116,437	95.0	69,749	96.3	18,954	100.0
Forsyth TCC	357,333	98.5	70,876	99.9	131,739	96.6	72,871	99.7	20,958	100.0
Gaston Col.	229,782	88.0	50,613	94.8	76,940	78.1	34,902	93.7	22,661	100.0
Guilford TCC	484,641	91.3	119,894	89.7	168,193	94.5	89,796	94.8	27,986	90.0
Halifax CC	124,398	99.4	28,123	100.0	37,683	100.0	23,365	99.7	10,123	100.0
Haywood CC	208,365	91.8	20,392	88.2	86,574	97.8	27,756	97.7	6,490	100.0
Isothermal CC	150,754	89.2	23,557	93.8	56,719	91.3	20,596	98.7	3,004	25.5
J. Sprunt CC	83,988	92.8	18,838	96.0	20,835	90.7	21,273	91.4	4,368	100.0
Johnston CC	159,041	99.0	29,345	99.5	48,262	97.1	16,113	99.8	9,069	100.0
Lenoir CC	205,026	95.4	53,505	98.1	48,285	92.9	32,922	95.7	14,507	100.0
Martin CC	135,997	77.3	13,368	85.9	41,658	99.7	16,849	93.7	12,823	100.0
Mayland CC	78,205	97.8	20,200	100.0	14,613	89.4	14,322	100.0	9,611	100.0
McDowell TCC	82,423	96.8	12,079	90.6	31,002	98.4	15,405	98.1	5,186	100.0
Mitchell CC	144,673	78.6	38,246	93.5	35,094	87.4	25,338	89.1	13,351	100.0
Montgomery CC	51,072	93.9	2,498	46.8	28,395	100.0	8,539	100.0	2,936	100.0
Nash CC	107,955	98.8	27,545	100.0	38,471	99.9	16,751	98.0	12,620	100.0
Pamlico CC	27,166	95.7	5,398	100.0	9,166	100.0	5,298	98.7	4,224	100.0
Piedmont CC	104,735	98.2	16,064	97.8	36,853	96.9	18,415	99.2	8,205	100.0
Pitt CC	180,836	95.3	42,741	99.4	63,452	99.8	38,855	87.7	19,065	97.6
Randolph CC	184,618	99.9	39,224	99.5	77,012	100.0	30,441	100.0	10,408	100.0
Richmond CC	104,408	93.1	17,753	91.2	31,974	95.9	22,990	95.8	10,203	93.2
Roanoke-Cho. CC	96,135	96.3	11,356	100.0	45,523	100.0	13,095	99.8	9,492	100.0
Robeson CC	137,083	97.6	27,165	100.0	42,734	99.9	25,193	99.9	11,650	100.0
Rockingham CC	204,360	92.5	39,906	96.4	58,134	93.2	29,924	98.2	14,738	100.0
Rowan-Cab. CC	211,261	100.0	49,577	100.0	76,116	100.0	30,299	100.0	17,720	100.0
Sampson CC	86,026	98.1	19,162	100.0	19,057	97.6	18,998	99.8	11,242	100.0
Sandhills CC	185,312	93.4	35,454	97.6	50,179	98.0	31,693	90.7	19,753	100.0
Southeastern CC	121,908	92.8	23,735	81.2	36,440	98.8	22,117	91.8	13,138	99.2
Southwestern CC	157,748	96.1	27,177	100.0	46,965	93.3	28,580	99.3	11,160	100.0
Stanly CC	103,168	99.5	20,049	100.0	35,478	100.0	20,610	97.8	7,854	100.0
Surry CC	164,485	94.8	28,623	81.8	53,544	98.3	28,339	96.0	11,985	100.0
Tri-County CC	80,124	96.6	22,007	98.5	25,040	99.5	7,715	97.5	5,267	84.7
Vance-Granv. CC	147,800	95.7	33,902	98.7	50,554	100.0	27,429	99.1	7,106	76.0
Wake TCC	329,779	94.4	64,551	93.6	78,708	93.4	55,572	99.2	35,460	100.0
Wayne CC	214,152	99.9	38,646	100.0	79,924	100.0	38,165	100.0	21,315	100.0
W. Piedmont CC	152,972	96.7	39,073	100.0	47,318	99.9	31,383	99.3	15,033	100.0
Wilkes CC	204,073	97.3	35,915	96.7	54,720	98.5	27,156	98.5	10,904	100.0
Wilson TCC	125,313	98.6	23,464	100.0	49,848	100.0	18,419	95.4	10,758	99.4
TOTAL	10,013,955	95.0	2,073,360	96.7	3,322,278	96.5	1,695,030	96.4	762,505	97.7

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
6,886	100.0	11,171	100.0	5,723	100.0	-	-	0	0.0	77	100.0	Alamance CC
240	100.0	3,456	86.4	2,258	98.4	-	-	-	-	-	-	Anson CC
29,339	100.0	18,413	97.0	10,546	86.7	-	-	-	-	0	0.0	Asheville-Bun. TCC
400	100.0	14,781	99.5	9,648	100.0	-	-	-	-	1,001	100.0	Beaufort Co. CC
-	-	13,890	96.2	9,311	83.6	-	-	-	-	4,179	100.0	Bladen CC
36,952	100.0	21,597	99.8	15,045	95.9	-	-	-	-	10,818	100.0	Blue Ridge CC
1,462	100.0	30,233	84.1	4,203	100.0	112	100.0	-	-	5,672	100.0	Brunswick CC
16,269	98.9	35,961	94.2	4,430	29.3	-	-	-	-	70	100.0	Caldwell CC & TI
1,145	100.0	7,419	87.6	3,505	100.0	-	-	0	0.0	20,672	100.0	Cape Fear CC
1,275	14.3	11,090	91.4	18,989	100.0	-	-	-	-	1,812	100.0	Carteret CC
10,163	100.0	14,805	100.0	1,478	14.6	-	-	-	-	1,092	100.0	Catawba Vy. CC
11,465	100.0	31,266	100.0	2,017	94.4	-	-	-	-	0	0.0	C. Carolina CC
27,223	84.5	41,360	93.4	17,843	82.2	-	-	-	-	0	0.0	C. Piedmont CC
11,377	100.0	15,442	100.0	8,380	87.6	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	15,500	100.0	5,597	100.0	-	-	-	-	1,223	100.0	Coastal Car. CC
159	100.0	26,120	100.0	8,428	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	7,487	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
17,118	100.0	15,461	98.8	10,681	100.0	-	-	-	-	-	-	Davidson Co. CC
1,513	100.0	16,679	100.0	15,247	93.5	-	-	-	-	357	100.0	Durham TCC
1,346	100.0	13,991	100.0	8,298	100.0	-	-	-	-	0	0.0	Edgecombe CC
16,852	86.1	35,875	100.0	15,597	57.8	378	100.0	-	-	1,480	100.0	Fayettev'le TCC
15,686	98.2	34,479	98.8	10,724	100.0	-	-	-	-	-	-	Forsyth TCC
7,493	78.9	27,723	95.1	8,702	87.4	748	100.0	-	-	-	-	Gaston Col.
7,373	79.9	48,041	95.2	9,453	50.9	-	-	3,124	100.0	10,781	92.2	Guilford TCC
4,975	100.0	10,155	99.4	8,655	93.7	-	-	-	-	1,319	100.0	Halifax CC
16,798	62.2	32,282	100.0	7,249	84.3	-	-	233	100.0	10,591	86.0	Haywood CC
25,791	100.0	13,051	85.4	8,036	100.0	-	-	-	-	-	-	Isothermal CC
4,468	100.0	8,703	94.4	5,503	84.1	-	-	-	-	-	-	J. Sprunt CC
11,124	100.0	24,894	100.0	19,096	100.0	-	-	-	-	1,138	100.0	Johnston CC
25,743	100.0	22,598	98.1	7,466	70.7	-	-	-	-	-	-	Lenoir CC
2,340	49.4	44,301	78.3	4,658	87.1	-	-	-	-	0	0.0	Martin CC
6,248	100.0	9,317	100.0	2,611	100.0	-	-	-	-	1,283	100.0	Mayland CC
1,514	100.0	11,035	99.7	3,870	85.8	-	-	-	-	2,332	100.0	McDowell TCC
9,765	59.5	17,100	99.0	4,485	36.7	-	-	-	-	1,294	35.5	Mitchell CC
1,766	100.0	4,644	100.0	2,294	82.3	-	-	-	-	-	-	Montgomery CC
-	-	3,369	94.4	9,199	93.1	-	-	-	-	-	-	Nash CC
140	100.0	2,114	100.0	826	41.6	-	-	-	-	-	-	Pamlico CC
8,814	100.0	12,633	98.9	3,751	100.0	-	-	-	-	-	-	Piedmont CC
5,279	80.8	7,469	100.0	3,605	100.0	-	-	-	-	370	22.5	Pitt CC
4,877	100.0	13,839	100.0	8,817	100.0	-	-	-	-	-	-	Randolph CC
4,082	100.0	10,405	89.9	6,901	80.6	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	10,014	100.0	5,568	100.0	-	-	-	-	0	0.0	Roanoke-Cho. CC
2,734	100.0	21,305	86.8	6,302	100.0	-	-	-	-	-	-	Robeson CC
26,356	72.4	25,218	99.2	9,092	100.0	-	-	-	-	992	93.6	Rockingham CC
3,517	100.0	19,845	100.0	4,971	100.0	-	-	-	-	9,216	100.0	Rowan-Cab. CC
1,729	60.3	10,003	100.0	3,326	100.0	-	-	-	-	2,509	100.0	Sampson CC
10,255	83.6	29,968	99.1	7,471	92.5	-	-	539	9.7	-	-	Sandhills CC
11,310	99.4	10,797	100.0	4,218	74.5	-	-	-	-	153	100.0	Southeastern CC
2,931	100.0	35,603	100.0	5,332	65.8	-	-	-	-	-	-	Southwestern CC
1,644	100.0	11,351	100.0	2,113	100.0	-	-	-	-	4,069	100.0	Stanly CC
17,012	100.0	13,670	96.8	5,092	100.0	-	-	-	-	6,220	100.0	Surry CC
-	-	13,269	100.0	6,826	85.1	-	-	-	-	-	-	Tri-County CC
1,487	100.0	24,409	97.0	2,779	48.6	-	-	-	-	134	72.0	Vance-Granv. CC
21,433	99.7	50,432	99.8	9,462	50.9	328	100.0	-	-	13,833	100.0	Wake TCC
4,499	100.0	17,184	99.3	14,288	100.0	131	100.0	-	-	-	-	Wayne CC
4,932	96.7	13,547	100.0	1,632	25.5	54	100.0	-	-	-	-	W. Piedmont CC
24,230	99.9	36,215	91.9	14,933	100.0	-	-	-	-	-	-	Wilkes CC
1,089	100.0	12,987	100.0	8,564	91.3	184	100.0	-	-	-	-	Wilson TCC
497,534	90.3	1,115,966	95.2	426,432	81.9	2,035	100.0	3,896	39.8	114,919	71.3	TOTAL

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Alamance Community College	1-3	005463	Alamance	Graham 27253	06
Anson Community College	1-3	007985	Anson	Polkton 28135	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27401	06
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-2	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buies Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba College	2-2	002914	Rowan	Salibury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	12
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28152	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002919	Pasquotank	Elizabeth City 27906	03
Craven Community College	1-3	008086	Craven	New Bern 28562	01
Davidson College	2-2	002918	Meckenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27293	06
Duke University	2-1	002920	Durham	Durham 27708	02
Duke Medical Center	2-2		Durham	Durham 27708	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27858	01
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	06
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	09
Gaston College	1-2	002973	Gaston	Dallas 28034	09
Greensboro College	2-2	002930	Guilford	Greensboro 27401	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	03
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	12
Louisburg College	2-3	002943	Franklin	Louisburg 27549	02
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28311	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	02
N. C. A&T State University	1-2	002905	Guilford	Greensboro 27411	12
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	06
N. C. State University	1-1	002972	Wake	Raleigh 27695	04

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
NCSU Veterinary School	1-1		Wake	Raleigh 27695	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27804	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Peace College	2-2	002953	Wake	Raleigh 27604	04
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	05
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	02
Shaw University	2-2	002962	Wake	Raleigh 27601	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28804	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27599	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28403	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
Warren Wilson College	2-2	002979	Wilson	Swannanoa 28815	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate University	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27110	12

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1990 census.

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